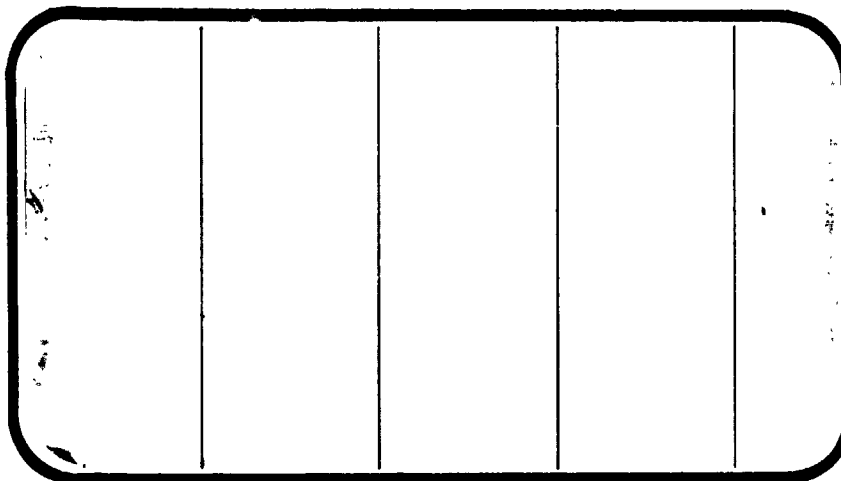




NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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(NASA-CF-144581) LANDING PRESSURE LOADS OF
THE 140A/B SPACE SHUTTLE ORBITER (MODEL
43-C) DETERMINED IN THE ROCKWELL
INTERNATIONAL LOW SPEED WIND TUNNEL (CA69),
VOLUME 2 Aerothermodynamic Data Report

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS



DATA MANAGEMENT services

SPACE DIVISION



**CHRYSLER
CORPORATION**

December, 1975

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NASA CR-144,581

VOLUME 2 OF 2

LANDING PRESSURE LOADS OF THE -140A/B
SPACE SHUTTLE ORBITER (MODEL 43-0) DETERMINED IN THE
ROCKWELL INTERNATIONAL LOW SPEED WIND TUNNEL
(0A69)

by

T. L. Soard
Rockwell International

Prepared Under NASA Contract Number NAS9-13247

by

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for

Engineering Analysis Division
Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: NAAL 711
NASA Series Number: OA69
Test Dates: 27 through 31 August 1973
Model Number: 43-0

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Chrysler Corporation Space Division assumes no responsibility for the data presented other than display characteristics.

LANDING PRESSURE LOADS OF THE -140A/B
SPACE SHUTTLE ORBITER (MODEL 43-0) DETERMINED IN THE
ROCKWELL INTERNATIONAL LOW SPEED WIND TUNNEL
(OA69)

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ABSTRACT

The data presented in this report were obtained during wind tunnel tests of a 0.0405 scale model of the -140A/B configuration of the Space Shuttle Vehicle Orbiter. These tests were conducted in the Rockwell International Low Speed Wind Tunnel (NAAL) during the period of August 28, 1973 to August 31, 1973. NASA Space Shuttle test designation is OA69.

The primary test objective was to obtain pressure loads data from the orbiter in the landing configuration in the presence of the ground for structural strength analysis. This was accomplished by locating as many as 30 static pressure bugs at various locations on external model surfaces as each configuration was tested. A complete pressure loads survey was generated for each configuration by combining data from all bug locations, and this report describes those loads for the fuselage, wing, vertical tail, and landing gear doors.

Aerodynamic force data was measured by a six component internal strain gage balance. This data was recorded to correct model angles of

attack and sideslip for sting and balance deflections and to determine the aerodynamic effects of landing gear extension.

All testing was conducted at a Mach number of 0.165 and a Reynolds number of 1.2×10^6 per foot. Configurations tested included elevon deflections of 0° , -20° , and -40° , and rudder deflections of 0° , -7.5° , and -15° . The angle of attack range was -3° to $+16^\circ$ with the model center of rotation remaining at the same height above the ground plane throughout the test. All configurations were tested at angles of sideslip of 0° and $\pm 10^\circ$.

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* Multi-grid plots with X/LB values listed at the top of each plot page.
The first value listed corresponds to the left plot grid.

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* Multi-grid plots with alpha values listed at the top of each plot page.
The first value listed corresponds to the left plot grid.

INDEX OF DATA FIGURES (Concluded)

PLOTTED COEFFICIENTS SCHEDULE:

- A) CL, CN, CLM, CDF, CAF, CAB, XCP/L vs. ALPHA:
CL vs. CDF, CLM; L/DF vs. ALPHA
- B) CY, CBL, CYN vs. ALPHA
- C) CP vs. X/LB
- D) CP vs. PHI
- E) CP vs. X/CW
- F) CP vs. X/CV
- G) CP vs. X/LG

NOMENCLATURE General

<u>SYMBOL</u>	<u>PILOT SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C_p	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; V/a
p		pressure; N/m ² , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2 \rho V^2$, N/m ² , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m ³ , slugs/ft ³

Reference & C.G. Definitions

A_b		base area; m ² , ft ²
b	BREF	wing span or reference span; m, ft
$C.G.$		center of gravity
l_{REF}	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m ² , ft ²
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
c	catic condition
t	total condition
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{A_b}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(P_b - P_\infty)/qS$
C_{A_f}	CAF	forebody axial force coefficient; $C_A - C_{A_b}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CEL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{D_b}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{D_f}	CDF	forebody drag coefficient; $C_D - C_{D_b}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
C_l	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{D_f}

NOMENCLATURE (Continued)
Surface Deflections

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
δ_e	ELEVON	elevon surface deflection angle, positive deflection, trailing edge down; degrees
δ_f	BDFLAP	body flap surface deflection angle, positive deflection, trailing edge down; degrees
δ_r	RUDDER	rudder surface deflection angle, positive deflection, trailing edge to the left; degrees

ADDITIONS TO STANDARD NOMENCLATURE
FOR TEST OA69

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
x/l_B	X/LB	<p>fuselage local coordinate, longitudinal distance from the nose expressed as a fraction of body length</p> $X/LB = \frac{F.S. - 235}{1290.3}$ <p>(F.S. = full scale fuselage station)</p>
ϕ	PHI	<p>fuselage local coordinate, radial position angle measured from the bottom centerline in degrees, 0° to 180° on both sides.</p>
$n, \frac{y}{b/2}$	Y/BW	<p>wing local coordinate, spanwise distance from model centerline expressed as a fraction of wing semispan.</p>
x/c	X/CW	<p>wing local coordinate, chordwise distance from the local leading edge expressed as a fraction of local chord.</p>
$\eta_v, \frac{z}{b_v}$	Z/BV	<p>vertical tail local coordinate, vertical distance from W.L. 500 (full scale) expressed as a fraction of the vertical tail height measured from W.L. 500.</p>
x/c	X/CV	<p>vertical tail local coordinate, chordwise distance from the local leading edge expressed as a fraction of local chord.</p>

NOMENCLATURE (Concluded)

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
x/l_G	X/LG	landing gear door local coordinate, distance from the leading edge expressed as a fraction of door length.
x/h_G	Z/HG	landing gear door local coordinate, distance from the upper edge expressed as a fraction of the door width.
A_{BC}		balance chamber area, ft. ²
$C_{A_{BC}}$		balance chamber axial force coefficient.
C_{AT}		weight tare axial force coefficient.
C_{AU}		uncorrected axial force coefficient.
CRFS		model longitudinal center of rotation, in fus. sta.
CRWP		model vertical center of rotation, in. W.P.
	GP.POS	wing trailing edge height above ground plane, fraction of wing span, at $\alpha = 0^\circ$
P_B		base pressure, psia.
P_{BC}		balance chamber pressure.
$P_{B1}, P_{B2}, \dots, P_{B5}$		base pressure at stations 1, 2, --5, respectively, psia.
X_{cp}/L_B	XCP/L	longitudinal center of pressure, fraction of body length.

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CONFIGURATION INVESTIGATED

The model tested was an 0.0405 scale representation of the -140 A/B configuration of the Rockwell International Space Shuttle Vehicle Orbiter. The model was constructed about an aluminum balance block with a 4.25 inch diameter balance cavity. The body mold lines, wings, and vertical tail attach directly to this block, and all model components are constructed of wood and/or aluminum.

The basic model configuration is of the blended wing-body design utilizing a double delta wing ($75/45\Lambda_{L.E.}$), full span elevons (unswept hingeline), a centerline vertical tail with rudder and/or speedbrake capability, and side mounted manipulator arm housings. A canopy, body flap, orbital maneuvering system, and landing gear attach to the fuselage and complete the basic configuration.

The following nomenclature designates the model components used during this test.

CONFIGURATION INVESTIGATED (Concluded)

<u>Component</u>	<u>Description</u>
B ₂₆	-140A/B Baseline Fuselage
C ₉	-140A/B Baseline Canopy, Configuration 3A
E ₂₆	Full Span Split Elevon used on Wing W ₁₁₆ , Configuration 4.
F ₈	Fuselage B ₂₆ Body Flap, Configuration 4
G ₁₅	Landing Gear
M ₇	Fuselage B ₂₆ Oms Pods, Configuration 3A
R ₅	Rudder used on Vertical V ₈ , Configuration 3A
V ₈	-140A/B Baseline Vertical Tail, Configuration 3A
W ₁₁₆	-140A/B Baseline Double Delta Wing, S _w = 2690 ft ²
X ₉	Transition Grit, .0054 In. Diameter on Nose, .0077 In. Diameter on Wings and Vertical Tail

TEST FACILITY DESCRIPTION

North American Aerodynamics Laboratory (NAAL) 7.75 x 11-foot Wind Tunnel is a continuous flow, closed circuit, single return tunnel capable of speeds up to 200 miles per hour.

The test section is vented to atmospheric pressure and is 7.75 x 11 feet wide and 12 feet long. Power is supplied by a 1250-horsepower nacelle-mounted synchronous motor driving a 19-foot, seven-blade, laminated birch propeller. Airspeed is controlled by using a magnetic clutch to vary the degree of coupling between the motor and propeller. Turbulence is minimized by a damping screen and a honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1).

Tests may be conducted using a variety of mounting systems: single strut, double strut, sting strut, reflection plane, cable suspension, or two-dimensional wall. Aerodynamic data may be measured by a planar type external balance system or sting-mounted internal balances. An Astrodata Automatic Data Acquisition System collects, multiplexes, digitizes, and records on magnetic tape 50 channels of force or pressure data or both. Data are then reduced and plotted using automatic data processing equipment and an automatic digital plotter.

The NAAL Wind Tunnel has been operating since June 1943. Calibrations are available over a wide range of test conditions.

DATA REDUCTION

All model force and pressure data was reduced to coefficient form in both the body and stability axis systems. Model angles of attack and sideslip were corrected for sting and balance deflections in addition to the standard facility corrections (wall interference, blockage effects, etc.) applied as required.

Axial force (body axes) was corrected for model weight tare in addition to base pressure effects. Corrections were made prior to the calculation of stability axis data. Axial force corrections were applied in the following manner:

$$C_{AF} = C_{AU} - C_{A_{BC}} - C_{AB} - C_{AT}$$

Where

$$C_{A_{BC}} = - \frac{P_{BC} - P_o}{q} \frac{A_{BC}}{S_W}$$

And

$$C_{AB} = - \frac{P_B - P_o}{q} \frac{A_B}{S_W}, \quad P_B = 1/5 (P_{B1} + P_{B2} + \dots + P_{B5})$$

And

$$C_{AT} = \text{Model Axial Force Weight Tare}$$

Center of pressure was computed in percent of body length as indicated below:

$$XCP/LB = \text{C.G. (In. Aft of Nose)} - \frac{C_m}{C_N}$$

DATA REDUCTION - Continued

All model pressure measurements recorded were reduced to coefficient form in the following manner:

$$C_{p_i} = \frac{P_i - P_o}{q}, \quad i = \text{pressure orifice number}$$

All aerodynamic data were reduced to coefficient form using the following reference dimensions:

<u>Symbol</u>	<u>Definition</u>	<u>Full Scale</u>	<u>Model Scale</u>
A _B	Area of base, ft ² (with OMS)		.594
	(without OMS)		.440
A _{BC}	Area of balance cavity, ft ²		.0985
XMRP	Reference C.G., in. aft of nose , fus. sta.	841.47	34.080
		1076.47	43.597
ZMRP	Reference C.G., waterplane	400.00	16.200
CRFS	Model center of rotation, fus. sta.		47.709
CRWP	Model center of rotation, waterplane		7.503
l _B	Moment reference (orbiter body) length, in.	1290.30	52.257
S	Area of wing, ft ²	2690.00	4.412

TEST : OA69, NAAL 711

DATE : Post test

TABLE I. TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.165	$1.20 \times 10^6/\text{FT}$	40 LB/FT ²	90 - 120°F

BALANCE UTILIZED: TASK 2.5 INCH MK IX

	CAPACITY.	ACCURACY	COEFFICIENT TOLERANCE:
NF	1500 LB.	$\pm .25\%$	
SF	750 LB.	$\pm .25\%$	
AF	200 LB.	$\pm .25\%$	
PM			
RM	4000 IN-LB.	$\pm .25\%$	
YM			

COMMENTS:

TABLE VI

A. FORCE DATA

[illegible]

TABLE II (Continued)

DATA SET/RUN NUMBER COLLATION SUMMARY

DATE: Post-Test

TEST : OA69 (NAAL 711)			DATA SET/RUN NUMBER COLLATION SUMMARY										DATE : Post- Test						
DATA SET IDENTIFIER		CONFIGURATION	SCHD.		PARAMETERS/VALUES			NO. OF RUNS		MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)									
α	β		$\delta\alpha$	$\delta\beta$	δF		N/A	RUNS											
RDG 03	B S G K L M F W E X R S Y Z		A -10	O O O	-A25		N/A	N/A	.165										
04			O																
05			10																
06			-10-20																
07			O																
08			10																
09			-10-40																
10			O																
11			10																
12			-10	O -15															
13			O																
14			10																
15			-10	-7.5															
16			O																
17			10																

NOTES:

- PRESSURE DATA
- COLATED AS A FUNCTION OF MODEL GEOMETRY FOR EACH MACH # & α
- DATA SETS SEGREGATED BY MODEL COMPONENT
- "X" IN DATASET IDENTIFIER REPRESENTS COMPONENT IDENTIFIER
 - X=A ⇒ RIGHT FUSELAGE *
 - X=B ⇒ LEFT FUSELAGE *
 - X=F ⇒ BODY FLAP
 - X=M ⇒ OMS POD OUTSIDE
 - X=N ⇒ OMS POD INSIDE
 - X=G ⇒ LEFT MAIN L.G. DOOR OUTSIDE *
 - X=H ⇒ LEFT MAIN L.G. DOOR INSIDE *
 - X=J ⇒ LEFT NCSE L.G. DOOR OUTSIDE
 - X=K ⇒ LEFT NOSE L.G. DOOR INSIDE
 - X=L ⇒ LEFT LOWWING *
 - X=U ⇒ LEFT UPPER WING *
 - X=W ⇒ RIGHT UPPER WING *
 - X=R ⇒ RIGHT VERTICAL TAIL
 - X=Y ⇒ LEFT VERTICAL TAIL

[illegible]

TABLE II (Continued)
C. COMPONENT/PRESSURE I.D. NUMBER SUMMARY

COMPONENT NAME	DATASET I.D. RDQ---	PRESS. I.D.	CONTROL DEFLECT. δe δR	PRESSURE BUG LOCATIONS (see table IV for complete list)
RIGHT FUSELAGE *	A12-17	1-16 25-30	0 0 0 NOM	$X/LB < .732$ (F.S. 1180) LEFT $X/LB \geq .783$ (F.S. 1245), $\Phi > 90^\circ$ RIGHT
LEFT FUSELAGE	B03-11	1-10 11-22	0 0 NOM 0	$X/LB < .236$ (F.S. 540) $X/LB \geq .302$ (F.S. 625)
LEFT FUSELAGE	B12-17	1-16 25-30	0 0 0 NOM	$X/LB < .732$ (F.S. 1180) $X/LB \geq .783$ (F.S. 1245), $\Phi > 90^\circ$
MLG DOOR OUTSIDE MLG DOOR INSIDE	G03-11 H03-11	8-10 11-15	0 0 NOM 0	$X/LG < .20$ $X/LG \geq .30$
LEFT LOWER WING *	L03-11	11-16	NOM 0	$\{Y/BW = .299, X/CW \leq .222$ RIGHT $\{Y/BW = .352$ RIGHT
LEFT UPPER WING *	U03-11	11-22	NOM 0	$\{Y/BW = .299, X/CW \geq .358$ LEFT $\{Y/BW \geq .405$ LEFT
LEFT UPPER WING *	U12-17	11-16	0 0	$\{Y/BW = .299, X/CW \leq .222$ RIGHT $\{Y/BW = .352$ RIGHT
RIGHT UPPER WING *	W12-17	11-22	0 0	$\{Y/BW = .299, .358 < X/CW < .695$ LEFT $\{Y/BW = .405, X/CW \leq .574$ LEFT $\{Y/BW \geq .534$ LEFT
		25-30	0 NOM	$\{Y/BW = .299, X/CW \geq .831$ LEFT & RIGHT $\{Y/BW = .405, X/CW \geq .763$ LEFT & RIGHT

* For the right fuselage and all wing datasets, the complete surface is represented by combining data from opposite sides and sideslip angles.

TABLE II (Continued)
C. COMPONENT/PRESSURE I.D. NUMBER SUMMARY (Concluded)

COMPONENT NAME	DATASET I.D. RDQ---	PRESS. I.D.	CONTROL DEFLECT. δ_e δ_R	PRESSURE BUG LOCATIONS (see table IV for complete list)
BODY FLAP	F03-11	22	NOM 0	ALL
BODY FLAP	F12-17	30	0 NOM	ALL
OMS POD OUTSIDE OMS POD INSIDE	M03-11 M03-11	22	NOM 0	ALL
OMS POD OUTSIDE OMS POD INSIDE	M12-17 M12-17	30	0 NOM	ALL
NLG DOOR OUTSIDE NLG DOOR INSIDE	J03-05 K03-05	1-8	0 0	ALL
RIGHT VERT. TAIL	R12-17	23-30	0 NOM	ALL
LEFT VERT. TAIL	V03-11	15-22	NOM 0	ALL
LEFT VERT. TAIL	V12-17	23-30	0 NOM	ALL

TABLE II: TEST 0A69 DATA SET COLLATION SHEET (Continued)

☐ PRETEST
☒ POSTTEST

D. PRESSURE I.D./RUN NUMBER SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		CONTROL DEFLECTION					NO. OF RUNS	PRESSURE ID - HATCH NUMBERS										
		a	b	Sc	δr	δf	M	OFF		1	2	3	4	5	6	7	8	9	10	
ADG	BASC - GS	A	-10	0	0	0	-12	165		202										
			-5							203										
			0							204										
			+10							205										
	BASC		-10							199	1	4	7	10	13	16	19	22	25	28
			0							200	2	5	8	11	14	17	20	23	26	29
			+10							201	3	6	9	12	15	18	21	24	27	30

COEFFICIENTS:

LA = -3.0° 5' 10" 13" 16"

S OF S

SCHEDULES

BASC = BASC 9 6 15 17 18 19 20 21 22 23 24 25 26 27 28 29

-1(DPVAR(1)) | 1DPVAR(2) | NDV

75.26

67

61

55

49

43

37

31

25

19

13

7

TABLE II. TEST _____ OAG9 _____ DATA SET COLLATION SHEET (Continued)

☐ PRETEST
☒ POSTTEST

D. PRESSURE I.D./RUN NUMBER SUMMARY (Continued)

DATA SET IDENTIFIER		CONFIGURATION	SCHD.		CONTROL DEFLECTION					NO. OF RUNS	PRESSURE ID										NUMBERS										POST TEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			α	β	δc	δr	δf	M	11		12	13	14	15	16	17	18	19	20	21	22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
R2Q		BASIC	A	-10	0°	0°	0°	-1425	145		31	43	52	61	70	79	88	100	103	115	124	136																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

23

*NOTE: RUN NOS. 145-150 ARE FINAL DATA FOR VERTICAL TAIL PRESSURES ONLY. ALL OTHER PRESSURE DATASET COMPONENTS ARE COLLATED USING RUN NOS. 94-102 FOR PRESSURE I.D. NO. 18.

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS:

 α or β

SCHEDULES

 $\alpha A = -3^{\circ} 0' 5'' 10' 13' 16''$

BASIC: B20 C9 225 71 F5 White. 618 R5 X9

IDPVAR (1) IDPVAR (2) NDV

TABLE II. TEST OA69 DATA SET COLLATION SHEET (Concluded)

☐ PRETEST
☒ POSTTEST

D. PRESSURE I.D./RUN NUMBER SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD.		CONTROL DEFLECTION					NO. of RUNS	PRESSURE ID										HATCH NUMBERS				NOT COLLATED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		a	b	8e	8r	8f	8g	8h		23	24	25	26	27	28	29	30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
RDQ	BASIC	A	-10	0°	0°	-425°	165					172																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS:

a or b

SCHEDULES

DA: -3.0; 5.10; 13.16.

BASIC: B26 C15 M7 F8 W16 E20 V8 R3 X9

IDPVAR(1) IDPVAR(2) IDV



C

TABLE III. MODEL DIMENSIONAL DATA

MODEL COMPONENT: BODY - B₂₆

GENERAL DESCRIPTION: Orbiter Fuselage Configuration 140 A/B

NOTE: B₂₆ identical to B₂₄ except underside of fuselage refaired to accept W₁₁₆.

Model Scale = .0405

DRAWING NUMBER: VL70-000193
VL70-000140A

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length (Body Fwd Sta $X_0 = 235$) - in.	1290.3	52.25715
Max. Width (at $X_0 = 1520$) - in.	262.0	10.61100
Max. Depth (at $X_0 = 1464$) - in.	250.0	10.12500
Fineness Ratio	4.92481	4.92481
Area - ft ²		
Max. Cross-Sectional	340.88462	0.55914
Planform		
Wetted		
Base		

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

TABLE III. (Continued)

MODEL COMPONENT: CANOPY - C₀

GENERAL DESCRIPTION: Configuration 3A

Model Scale = .0405

DRAWING NUMBER VL70-000140A
VL70-000142A

<u>DIMENSION:</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length ($X_0=434.643$ to 670)	<u>235.357</u>	<u>9.53196</u>
Max Width (@ $X_0=513.127$)	<u>152.412</u>	<u>6.17269</u>
Max Depth (@ $X_0=485.0$)	<u>25.000</u>	<u>1.01250</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III.' (Continued)

MODEL COMPONENT: FLEVON - E26

GENERAL DESCRIPTION: Configuration 4

NOTE: VL70-000400 data for (1) of (2) sides. Identical to E25 except
airfoil thickness

Model Scale = .0405

DRAWING NUMBER: VL70-000400
VL70-000140 B

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area	<u>223.5814</u>	<u>0.36673</u>
Span (equivalent)	<u>368.34</u>	<u>14.91777</u>
Inb'd equivalent chord	<u>119.623</u>	<u>4.84473</u>
Outb'd equivalent chord	<u>55.1922</u>	<u>2.23528</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.2096</u>	<u>0.2096</u>
At Outb'd equiv. chord	<u>0.4004</u>	<u>0.4004</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Tailing Edge	<u>-10.056</u>	<u>-10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line)	<u>851.1502</u>	<u>0.05654</u>

TABLE III. (Continued)

MODEL COMPONENT: Body Flap - F₈

GENERAL DESCRIPTION: Configuration 4

Model Scale - .0405
DRAWING NUMBER VL70-000140B, VL70-000400

<u>DIMENSION:</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length in.	<u>94.856</u>	<u>3.84167</u>
Max Width in.	<u>262.308</u>	<u>10.62347</u>
Max Depth in.	<u>23.000</u>	<u>0.93150</u>
Fineness Ratio	<u></u>	<u></u>
Area - ft ²	<u></u>	<u></u>
Max Cross-Sectional	<u></u>	<u></u>
Planform	<u>158.85350</u>	<u>0.26056</u>
Wetted	<u></u>	<u></u>
Base	<u>41.89642</u>	<u>0.06872</u>

TABLE III. (Continued)

MODEL COMPONENT: LANDING GEAR - G15GENERAL DESCRIPTION: Main and nose landing gear, doors, and assemblies. Gear are in extended position, nose gear doors open 45°, main gear doors vertical.MODEL SCALE: 0.0405DRAWING NUMBER: VL70-000140A

DIMENSION:		FULL SCALE	MODEL SCALE
	<u>NOSE GEAR</u>		
Number of wheels		2	2
Wheel axis:			
Fuselage station		374.74	15.177
Waterline		221.51	8.971
Wheel diameter, in.		32.00	1.296
Wheel width, in:			
Each wheel		8.80	0.356
Centerline-to-centerline		22.0	0.891
Main strut diameter, in.		7.72	0.312
Side door, both sides:			
Length, in.		105.93	4.290
Width (follows body contour)		21.53	0.872
Maximum thickness		7.01	0.284
Fuselage station at center of leading edge		279.5	11.320
	<u>MAIN GEAR</u>		
Number of wheels		2	2
Wheel axis:			
Fuselage station		1178.00	47.709
Waterline		185.26	7.503
Wheel diameter, in.		44.20	1.79
Wheel width, in:			
Each wheel		16.05	0.65
Centerline-to-centerline		36.00	1.458
Main strut diameter, in.		9.26	0.375
Buttplane of main strut centerline		138.0	5.589
Side door:			
length, in.		156.05	6.32
Width, in.		68.64	2.78
Maximum thickness, in.		7.90	0.32
Fuselage station at top of leading edge		1044.93	42.320
Centerline buttplane		176.27	7.139

TABLE III. (Continued)

MODEL COMPONENT: .0'S POD - M7

GENERAL DESCRIPTION: Configuration 3A

Model Scale : .0405

DRAWING NUMBER

VL70-000140A

VL70-000145

DIMENSION:

FULL SCALE

MODEL SCALE

Length (ONS Fwd Sta $X_0=1233.0$) - IN.

327.000

13.24350

Max Width (@ $X_0=1450.0$) - IN.

94.5

3.82725

Max Depth (@ $X_0=1493.0$) - IN.

109.000

4.4145

Fineness Ratio

Area

Max Cross-Sectional

Planform

Wetted

Base

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TABLE III. (Continued)

MODEL COMPONENT: RUDDER - R5GENERAL DESCRIPTION: 2A, 3 and 3A Configuration per Rockwell LinesVL70-000095Model Scale = .0405DRAWING NUMBER: VL70-000095

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - FT ²	<u>106.38</u>	<u>0.17449</u>
Span (equivalent) - IN.	<u>201.0</u>	<u>8.14050</u>
Inb'd equivalent chord	<u>91.585</u>	<u>3.70919</u>
Outb'd equivalent chord	<u>50.833</u>	<u>2.05874</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Tailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line)- FT ³	<u>526.13</u>	<u>0.03495</u>
Product of Area and Mean Chord		

TABLE III. (Continued)

MODEL COMPONENT: VERTICAL - VGENERAL DESCRIPTION: Configuration 3A

NOTE: Similar to V5 with radius on TE upper corner and 12" lower corner
 where vertical meets fuselage.

Model Scale = .0405

DRAWING NUMBER:

VL70-000140A

VL70-000146A

DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) Ft ²	413.253	0.67784
Planform		
Span (Theo) In	315.720	12.78666
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.40399	0.40399
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	25.947	25.947
0.25 Element Line	41.130	
Chords:		
Root (Theo) WP	268.500	10.87425
Tip (Theo) WP	108.470	4.39303
MAC	199.80756	8.09221
Fus. Sta. of .25 MAC	1463.50	59.27175
W. P. of .25 MAC	635.522	25.73844
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.00	10.00
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius (Min) - IN.	2.00	0.0810
Void Area	13.17	0.02160
Blanketed Area	0.00	0.00

TABLE III. (Continued)

MODEL COMPONENT: WING-W₁₆GENERAL DESCRIPTION: Configuration 4NOTE: Identical to W₁₄ except airfoil thickness. Dihedral angle is along trailing edge of wing.Model Scale = .0405

TEST NO.

DWG. NO. VL70-000140B
VL70-000400

DIMENSIONS:

FULL-SCALE

MODEL SCALE

TOTAL DATA

Area (Theo.) Ft^2

Planform

2690.00

4.41227

Span (Theo) In.

936.6816

37.93560

Aspect Ratio

2.265

2.265

Rate of Taper

1.177

1.177

Taper Ratio

0.200

0.200

Dihedral Angle, degrees (at $X_0=1506.623, Y_0=$

3.500

3.500

Incidence Angle, degrees 105, $Z_0=282.75$)

0.500

0.500

Aerodynamic Twist, degrees

+3.000

+3.000

Sweep Back Angles, degrees

45.00

45.00

Leading Edge

-10.056

-10.056

Trailing Edge

0.25 Element Line

35.209

35.209

Chords:

Root (Theo) B.P.O.O.

689.2429

27.91434

Tip, (Theo) B.P.

137.8486

5.58287

MAC

474.3117

19.22987

Fus. Sta. of .25 MAC

1126.721

45.63220

W.P. of .25 MAC

291.00

11.78550

B.L. of .25 MAC

187.33491

7.58706

EXPOSED DATA

Area (Theo) Ft^2

1812.2205

2.97250

Span, (Theo) In. BP108

736.6816

29.83560

Aspect Ratio

2.058

2.058

Taper Ratio

0.2451

0.2451

Chords

Root BP108

570.6230

23.11023

Tip $1.00 \frac{b}{2}$

137.8512

5.58297

MAC

354.2376

14.34662

Fus. Sta. of .25 MAC

1164.237

47.15160

W.P. of .25 MAC

292.00

11.82600

B.L. of .25 MAC

239.67786

9.70695

Airfoil Section (Rockwell Mod NASA)

XXXX-64

Root $\frac{b}{2} = 0.425$

0.113

0.113

Tip $\frac{b}{2} = 1.00$

0.12

0.12

Data for (1) of (2) Sides

Leading Edge Cuff

Planform Area Ft^2

118.353

0.19409

Leading Edge Intersects Fus M. L. @ Sta

505.0

20.43250

Leading Edge Intersects Wing @ Sta

1003.5

40.64175

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TABLE III. (Concluded)

MODEL COMPONENT: Transition Grit X_0

GENERAL DESCRIPTION: .0077 In. nominal diameter grit located 0.1 in. wide, 0.1 in. aft streamwise from leading edge on all swept surfaces and .0054 in. nominal diameter grit locate 0.1 in. wide, 1.0 in. aft of nose

DRAWING NUMBER: _____

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length	_____	_____
Max. Width	_____	_____
Max. Depth	_____	_____
Fineness Ratio	_____	_____
Area		
Max. Cross-Sectional	_____	_____
Planform	_____	_____
Wetted	_____	_____
Base	_____	_____

Table IV Pressure Bug Location

TUBE NO.	I.D. NO. 1		
	FUS. STA.	ϕ	LOC. NO.
1	235	0	F1
2	245	0	F2
3			
4			
5			
6	245	90	F3
7			
8			
9	245	180	F159
10	η	X/C	
11	.25	0	N1
12			
13	.75	0	N2
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

NOTES:

- (1) I.D. NO. REFERS TO PRESSURE BUG CONFIGURATION (SEE TABLE II FOR RUN NUMBERS AND TEST CONDITIONS)
- (2) LOCATION NO. INDICATES COMPONENT ON WHICH A SPECIFIC BUG IS LOCATED:

F = FUSELAGE (LEFT SIDE UNLESS OTHERWISE NOTED)

W = WING

M = LEFT MAIN GEAR DOOR

N = LEFT NOSE GEAR DOOR

V = VERTICAL TAIL

I = INSIDE

O = OUTSIDE

L = LEFT

R = RIGHT

T = TOP

B = BOTTOM

- (3) NO PRESSURES RECORDED ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

TUBE NO.	I.D. NO. 2				I.D. NO. 3				I.D. NO. 4		
	FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.
1	265	0	F4		295	0	F13		325	0	F22
2	↑	20	F5		↑	20	F14		↑	20	F23
3		40	F6			40	F15			40	F24
4		55	F7			55	F16			55	F25
5		70	F8			70	F17			70	F26
6	↓	90	F9		↓	90	F18		↓	90	F27
7		120	F10			120	F19			120	F28
8		150	F11			150	F20			150	F29
9		180	F12			180	F21			180	F30
10	η	X/C			η	X/C			η	X/C	
11	.25	.05I	NI3		.25	.20I	NI5		.25	.30I	NI7
12	.25	.05Ø	NØ3		.25	.20Ø	NØ5		.25	.30Ø	NØ7
13	.75	.05I	NI4		.75	.20I	NI6		.75	.30I	NI8
14	.75	.05Ø	NØ4		.75	.20Ø	NØ6		.75	.30Ø	NØ8
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

TUBE NO.	I.D. NO. 5				I.D. NO. 6				I.D. NO. 7		
	FUS. STA.	ϕ	LOC. NO.		FUS. STA.	ϕ	LOC. NO.		FUS. STA.	ϕ	LOC. NO.
1	380	0	F31		425	0	F40				
2	↑	20	F32		↑	20	F41				
3		40	F33			40	F42				
4		55	F34			55	F43				
5		70	F35			70	F44				
6		90	F36			90	F45				
7		120	F37			120	F46				
8	↓	150	F38		↓	150	F47		450	165	F49
9	380	180	F39		425	180	F48		450	180	F50
10	η	X/C			η	X/C			η	X/C	
11	.25	.50I	NI 9		.25	.70I	NI 11		.25	.90I	NI 13
12	.25	.50 ϕ	N ϕ 9		.25	.70 ϕ	N ϕ 11		.25	.90 ϕ	N ϕ 13
13	.75	.50I	NI 10		.75	.70I	NI 12		.75	.90I	NI 14
14	.75	.50 ϕ	N ϕ 10		.75	.70 ϕ	N ϕ 12		.75	.90 ϕ	N ϕ 14
15											
16											
17											
18											
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21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

I.D. NO. 8				I.D. NO. 9				I.D. NO. 10			
TUBE NO.	FUS. STA.	Ø	LOC. NO.		FUS. STA.	Ø	LOC. NO.		FUS. STA.	Ø	LOC. NO.
1	475	0	F51						540	0	F61
2	↑	20	F52						↑	20	F62
3		40	F53							40	F63
4		55	F54							55	F64
5		70	F55							70	F65
6		90	F56							90	F66
7	↓	120	F57						↓	120	F67
8		150	F58		500	158	F60			150	F68
9	475	180	F59						540	180	F69
10	η	X/C			η	X/C			η	X/C	
11	.25	0.0	M 1		.25	.05I	MI 3		.25	.20I	MI 6
12	.25	1.00	N 15		.25	.05Ø	MØ 3		.25	.20Ø	MØ 6
13	.75	1.00	N 16		.50	.05I	MI 4		.50	.20I	MI 7
14					.50	.05Ø	MØ 4		.50	.20Ø	MØ 7
15	.75	0.0	M 2		.75	.05I	MI 5		.75	.20I	MI 8
16					.75	.05Ø	MØ 5		.75	.20Ø	MØ 8
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

I.D. NO. 11				I.D. NO. 12				I.D. NO. 13			
TUBE NO.	FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.
1	625	0	F70		725	0	F77		880	0	F84
2											
3	625	40	F71		725	40	F78		880	40	F85
4											
5	625	70	F72		725	70	F79		880	70	F86
6	↑	90	F73		↑	90	F80		↑	90	F87
7	↓	120	F74		↓	120	F81		↓	120	F88
8		150	F75			150	F82			150	F89
9	625	180	F76		725	180	F83		880	180	F90
10											
	η	X/C			η	X/C			η	X/C	
11	.25	.30I	MI 9		.25	.50I	MI 12		.25	.70I	MI 15
12	.25	.30Ø	MØ 9		.25	.50Ø	MØ 12		.25	.70Ø	MØ 15
13	.50	.30I	MI 10		.50	.50I	MI 13		.50	.70I	MI 16
14	.50	.30Ø	MØ 10		.50	.50Ø	MØ 13		.50	.70Ø	MØ 16
15	.75	.30I	MI 11		.75	.50I	MI 14		.75	.70I	MI 17
16	.75	.30Ø	MØ 11		.75	.50Ø	MØ 14		.75	.70Ø	MØ 17
17	.299	0	RW 1		.299	.088T	RW 2T		.299	.222T	RW 3T
18					.299	.088B	RW 2B		.299	.222B	RW 3B
19									.299	.358T	LW17T
20									.299	.358B	LW17B
21	.405	0	LW 7		.405	.020T	LW12T		.405	.052 T	LW18T
22					.405	.020B	LW12B		.405	.052B	LW18B
23	.534	0	LW 8		.534	.020T	LW13T		.534	.05 T	LW19T
24					.534	.020B	LW13B		.534	.05 B	LW19B
25	.673	0	LW 9		.673	.020T	LW14T		.673	.05 T	LW20T
26					.673	.020B	LW14B		.673	.05 B	LW20B
27	.780	0	LW10		.780	.020T	LW15T		.780	.05 T	LW21T
28					.780	.020B	LW15B		.780	.05 B	LW21B
29	.887	0	LW11		.887	.020T	LW16T		.887	.05T	LW22T
30					.887	.020B	LW16B		.887	.05 B	LW22B

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

I.D. NO. 14				I.D. NO. 15				I.D. NO. 16			
TUBE NO.	FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.
1	980	0	F91		1080	0	F93		1180	0	F100
2											
3	980	40	F92		1080	40	F94		1180	40	F101
4											
5					1080	70	F95		1180	70	F102
6					↑	90	F96		↑	90	F103
7					↓	120	F97		↓	120	F104
8						150	F98			150	F105
9					1080	180	F99		1180	180	F106
					η	X/C			η	X/C	
10	η	X/C		10	.158	0	V 1		η	X/C	
11	.25	.90I	MI 18		.25	1.00	M 21		.158	.02L	LV 6
12	.25	.90Ø	MØ 18		.316	0	V 2		.316	.02L	LV 7
13	.50	.90I	MI 19		.600	0	V 3		.600	.02 I	LV 8
14	.50	.90Ø	MØ 19		.840	0	V 4		.840	.02 I	LV 9
15	.75	.90I	MI 20		.75	1.00	M 22		.925	.02 L	LV 10
16	.75	.90Ø	MØ 20		.925	0	V 5				
17	.352	0	RW 4		.352	.080T	RW 5T		.352	.240T	RW 6T
18					.352	.080B	RW 5B		.352	.240B	RW 6B
19					.299	.492T	LW28T				
20					.299	.492B	LW28B				
21	.405	.195T	LW23T						.405	.431T	LW33T
22	.405	.195B	LW23B						.405	.431B	LW33B
23	.534	.15 T	LW24T		.534	.25 T	LW29T		.534	.40T	LW34T
24	.534	.15 B	LW24B		.534	.25B	LW29B		.534	.40B	LW34B
25	.673	.15 T	LW25T		.673	.25 T	LW30T		.673	.40T	LW35T
26	.673	.15B	LW25B		.673	.25B	LW30B		.673	.40B	LW35B
27	.780	.15 T	LW26T		.780	.25T	LW31T				
28	.780	.15B	LW26B		.780	.25B	LW31B				
29	.887	.15T	LW27T		.887	.25T	LW32T		.887	.40T	LW36T
30	.887	.15B	LW27B		.887	.25B	LW32B		.887	.40B	LW36B

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

I.D. NO. 17				I.D. NO. 18				I.D. NO. 19			
TUBE NO.	FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.
1	1245	0	F107		1300	0	F117		1375	0	F126
2	↑	40	F108		↑	40	F118		↑	40	F127
3		70	F109			70	F119			70	F128
4		90	F110			90	F120			90	F129
5		105	F111			105	F121			105	F130
6		120	F112			120	F122			120	F131
7		135	F113			135	F123			135	F132
8	↓	150	F114		↓	150	F124		↓	150	F133
9		165	F115			165	F125			165	F134
10	1245	180	F116		1300				1375		
	η	X/C			η	X/C			η	X/C	
11	.158	.05L	LV11		.158	.15L	LV16		.158	.30L	LV 21
12	.316	.05L	LV12		.316	.15L	LV17		.316	.30L	LV 22
13	.600	.05L	LV13		.600	.15L	LV18		.600	.30L	LV 23
14	.840	.05L	LV14		.840	.15L	LV19		.840	.30L	LV 24
15	.925	.05L	LV15		.925	.15L	LV20		.925	.30L	LV25
16											
17											
18											
19	.299	.695T	LW37T		.299	.831T	LW43T		.299	.864T	LW49T
20	.299	.695B	LW37B		.299	.831B	LW43B		.299	.864B	LW49B
21	.405	.574T	LW38T		.405	.763T	LW44T		.405	.81 T	LW50T
22	.405	.574B	LW38B		.405	.763B	LW44B		.405	.81 B	LW50B
23	.534	.55 T	LW39T		.534	.725T	LW45T		.534	.775T	LW51T
24	.534	.55 B	LW39B		.534	.725B	LW45B		.534	.775B	LW51B
25	.673	.55T	LW40T		.673	.70T	LW46T		.673	.775T	LW52T
26	.673	.55B	LW40B		.673	.70B	LW46B		.673	.775B	LW52B
27	.780	.65T	LW41T		.780	.75T	LW47T				
28	.780	.65B	LW41B		.780	.75 B	LW47B				
29	.887	.60T	LW42T		.887	.75 T	LW48T				
30	.887	.60B	LW42B		.887	.75 B	LW48B				

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

I.D. NO. 20				I.D. NO. 21				I.D. NO. 22			
TUBE NO.	FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.		FUS. STA.	φ	LOC. NO.
1	1430	0	F135		1480	0	F144		1530	1100	F153
2	↑	40	F136		↑	40	F145		↑	1101	F154
3		70	F137			70	F146		↓	1200	F155
4		90	F138			90	F147		1530	1201	F156
5		105	F139			105	F148		1580	0	F157
6		120	F140			120	F149		1580	40	F158
7		135	F141			135	F150				
8	↓	150	F142		↓	150	F151				
9	1430	165	F143		1480	165	F152				
10	η	X/C			η	X/C			η	X/C	
11	.158	.52L	LV 26		.158	.65L	LV 31		.158	.775L	LV 36
12	.316	.52L	LV 27		.316	.65L	LV 32		.316	.775L	LV 37
13	.600	.52L	LV 28		.600	.65L	LV 33		.600	.775L	LV 38
14	.840	.52L	LV 29		.840	.65L	LV 34		.840	.775L	LV 39
15	.925	.52L	LV 30		.925	.65L	LV 35		.925	.775L	LV 40
16											
17											
18											
19	.299	.898T	LW53T		.405	.905T	LW58T		.299	.966T	LW61T
20	.299	.898B	LW53B		.405	.905B	LW58B		.299	.966B	LW61B
21	.405	.858T	LW54T		.534	.90 T	LW59T		.405	.952T	LW62T
22	.405	.858B	LW54B		.534	.90 B	LW59B		.405	.952B	LW62B
23	.534	.85 T	LW55T						.534	.95 T	LW63T
24	.534	.85 B	LW55B						.534	.95 B	LW63B
25	.673	.85 T	LW56T						.673	.95 T	LW64T
26	.673	.85 B	LW56B						.673	.95B	LW64B
27	.780	.85 T	LW57T						.780	.95 T	LW65T
28	.780	.85 B	LW57B						.780	.95 B	LW65B
29					.887	.90 T	LW60T				
30					.887	.90 B	LW60B				

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV Pressure Bug Location

TUBE NO.	I.D. NO. 23			I.D. NO. 24			I.D. NO. 25		
			LOC. NO.			LOC. NO.	η	X/C	LOC. NO.
1							.299	.831 T	LW43T
2							.405	.763 T	LW44T
	FUS. STA.	ϕ		FUS. STA.	ϕ		FUS. STA.	ϕ	
3							1245	90	F 110
4							↑	105	F 111
5								120	F 112
6								135	F 113
7							↓	150	F 114
8								165	F 115
9							1245	180	F 116
10	η	X/C		η	X/C		η	X/C	
11	.158	0	V 1	.158	.02 L	LV 6	.158	.05 L	LV 11
12	.316	0	V 2	.316	.02 L	LV 7	.316	.05 L	LV 12
13	.600	0	V 3	.600	.02 L	LV 8	.600	.05 L	LV 13
14	.840	0	V 4	.840	.02 L	LV 9	.840	.05 L	LV 14
15	.925	0	V 5	.925	.02 L	LV 10	.925	.05 L	LV 15
16									
17				.158	.02 R	RV 6	.158	.05 R	RV 11
18				.316	.02 R	RV 7	.316	.05 R	RV 12
19				.600	.02 R	RV 8	.600	.05 R	RV 13
20				.840	.02 R	RV 9	.840	.05 R	RV 14
21				.925	.02 R	RV 10	.925	.05 R	RV 15
							FUS. STA.	ϕ	
22							1245	90	RF 1
23							↑	105	RF 2
24								120	RF 3
25								135	RF 4
26							↓	150	RF 5
27							1245	165	RF 6
							η	X/C	
28							.299	.831 T	RW 7T
29							.405	.763 T	RW 8T
30									

NOTE: NO PRESSURES RECORDED
ON TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

TUBE NO.	I.D. NO. 26			I.D. NO. 27			I.D. NO. 28		
	η	X/C	LOC. NO.	η	X/C	LOC. NO.	η	X/C	LOC. NO.
1	.299	.864 T	LW49T	.299	.898 T	LW53 T	.299	.966 T	LW61 T
2	.405	.810 T	LW50T	.405	.858 T	LW54T	.405	.905 T	LW58T
3									
	FUS. STA.	ϕ		FUS. STA.	ϕ		FUS. STA.	ϕ	
4	1300	90	F120	1375	90	F 129	1430	90	F 138
5		105	F121		105	F 130		105	F 139
6	↑	120	F122	↑	120	F 131	↑	120	F 140
7		135	F123		135	F 132		135	F 141
8	↓	150	F124	↓	150	F 133	↓	150	F 142
9	1300	165	F125	1375	165	F 134	1430	165	F 143
10	η	X/C		η	X/C		η	X/C	
11	.158	.15 L	LV 16	.158	.30 L	LV 21	.158	.52 L	LV 26
12	.316	.15 L	LV 17	.316	.30 L	LV 22	.316	.52 L	LV 27
13	.600	.15 L	LV 18	.600	.30 L	LV 23	.600	.52 L	LV 28
14	.840	.15 L	LV 19	.840	.30 L	LV 24	.840	.52 L	LV 29
15	.925	.15 L	LV 20	.925	.30 L	LV 25	.925	.52 L	LV 30
16									
17	.158	.15 R	RV 16	.158	.30 R	RV 21	.158	.52 R	RV 26
18	.316	.15 R	RV 17	.316	.30 R	RV 22	.316	.52 R	RV 27
19	.600	.15 R	RV 18	.600	.30 R	RV 23	.600	.52 R	RV 28
20	.840	.15 R	RV 19	.840	.30 R	RV 24	.840	.52 R	RV 29
21	.925	.15 R	RV 20	.925	.30 R	RV 25	.925	.52 R	RV 30
	FUS. STA.	ϕ		FUS. STA.	ϕ		FUS. STA.	ϕ	
22	1300	90	RF 7	1375	90	RF 13	1430	90	RF 19
23	↑	105	RF 8	↑	105	RF 14	↑	105	RF 20
24		120	RF 9		120	RF 15		120	RF 21
25	↓	135	RF 10	↓	135	RF 16	↓	135	RF 22
26		150	RF 11		150	RF 17		150	RF 23
27	1300	165	RF 12	1375	165	RF 18	1430	165	RF 24
	η	X/C		η	X/C		η	X/C	
28	.299	.864 T	RW 9T	.299	.898 T	RW 11T	.299	.966 T	RW 13T
29	.405	.810 T	RW 10T	.405	.854 T	RW 12 T	.405	.905 T	RW 14T
30									

NOTE: NO PRESSURES RECORDED ON
TUBE NOS. NOT FILLED IN

Table IV
Pressure Bug Location

I.D. NO. 29				I.D. NO. 30		
TUBE NO.	η	X/C	LOC. NO.	η	X/C	LOC. NO.
2	.405	.952 T	IW 62T			
	FUS. STA.	ϕ		FUS. STA.	ϕ	
1				1530	110 ϕ	F 153
2				\updownarrow	110 I	F 154
3				\downarrow	120 ϕ	F 155
4	1480	90	F 147	1530	120 I	F 156
5	\uparrow	105	F 148	1580	0	F 157
6		120	F 149	1580	40	F 158
7		135	F 150			
8	\downarrow	150	F 151			
9	1480	165	F 152			
10						
11	η	X/C		η	X/C	
11	.158	.65 L	LV 31	.158	.775 L	LV 36
12	.316	.65 L	LV 32	.316	.775 L	LV 37
13	.600	.65 L	LV 33	.600	.775 L	LV 38
14	.840	.65 L	LV 34	.840	.775 L	LV 39
15	.925	.65 L	LV 35	.925	.775 L	LV 40
16						
17	.158	.65 R	RV 31	.158	.775 R	RV 36
18	.316	.65 R	RV 32	.316	.775 R	RV 37
19	.600	.65 R	RV 33	.600	.775 R	RV 38
20	.840	.65 R	RV 34	.840	.775 R	RV 39
21	.925	.65 R	RV 35	.925	.775 R	RV 40
	FUS. STA.	ϕ		FUS. STA.	ϕ	
22	1480	90	RF 25	1530	110 ϕ	RF 31
23	\uparrow	105	RF 26	\uparrow	110 I	RF 32
24		120	RF 27	\downarrow	120 ϕ	RF 33
25		135	RF 28	1530	120 I	RF 34
26	\downarrow	150	RF 29			
27	1480	165	RF 30			
	η	X/C		η	X/C	
29	.405	.952 T	RW 15T			

NOTE: NO PRESSURES RECORDED ON TUBE NOS. NOT FILLED IN.

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of w.r. and stability axes have been displaced from the center of gravity

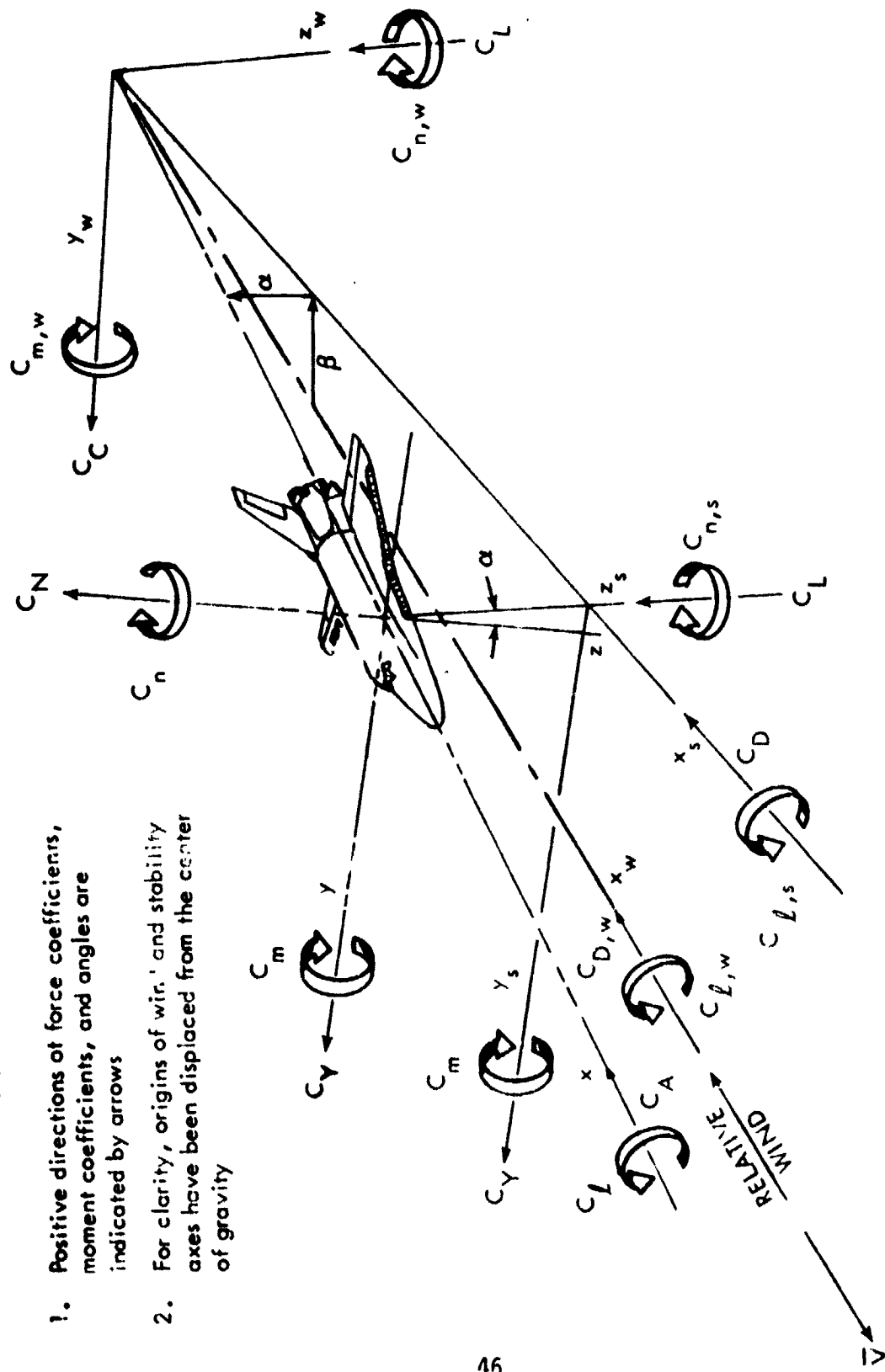
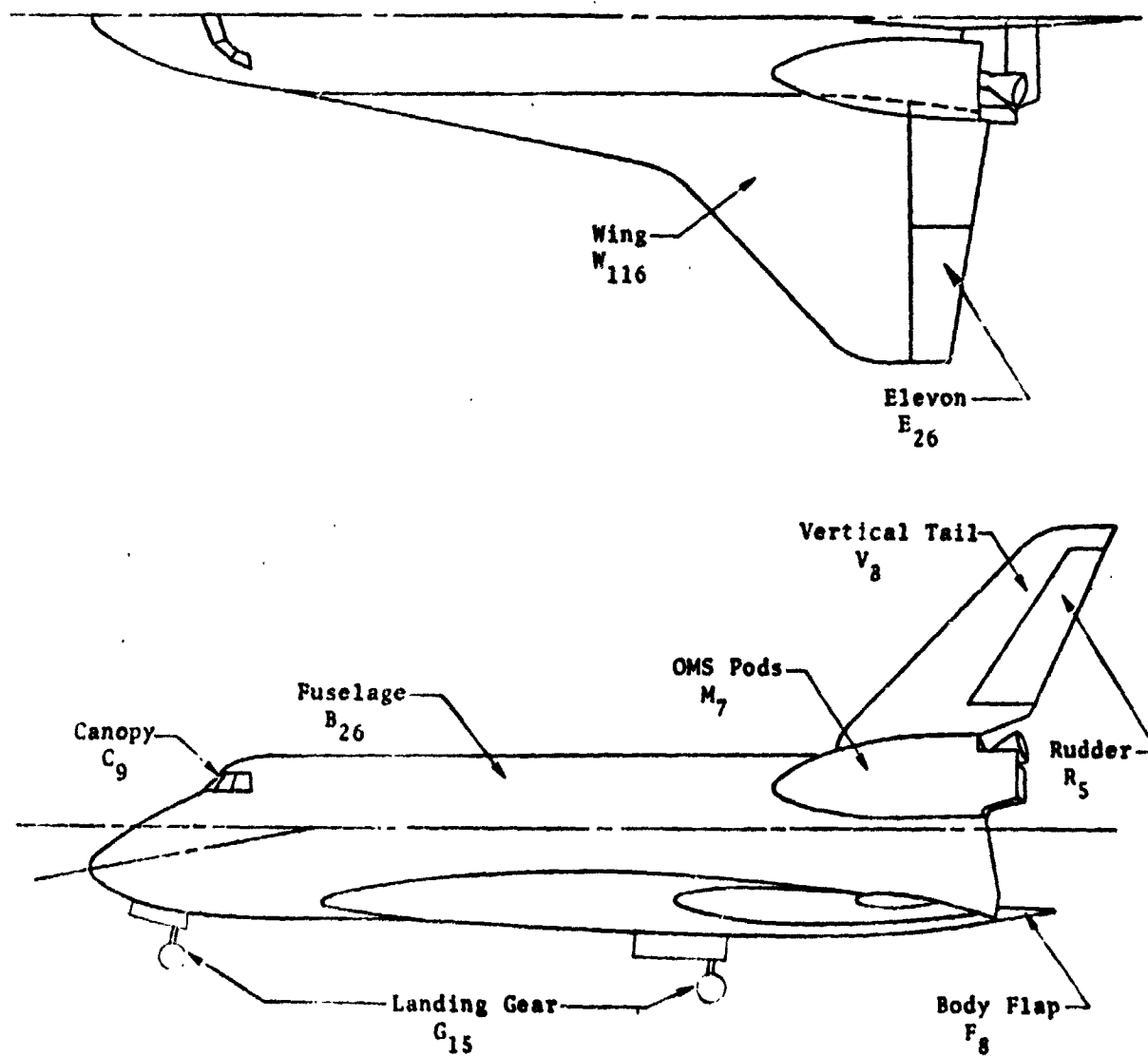


Figure 1. Axis Systems

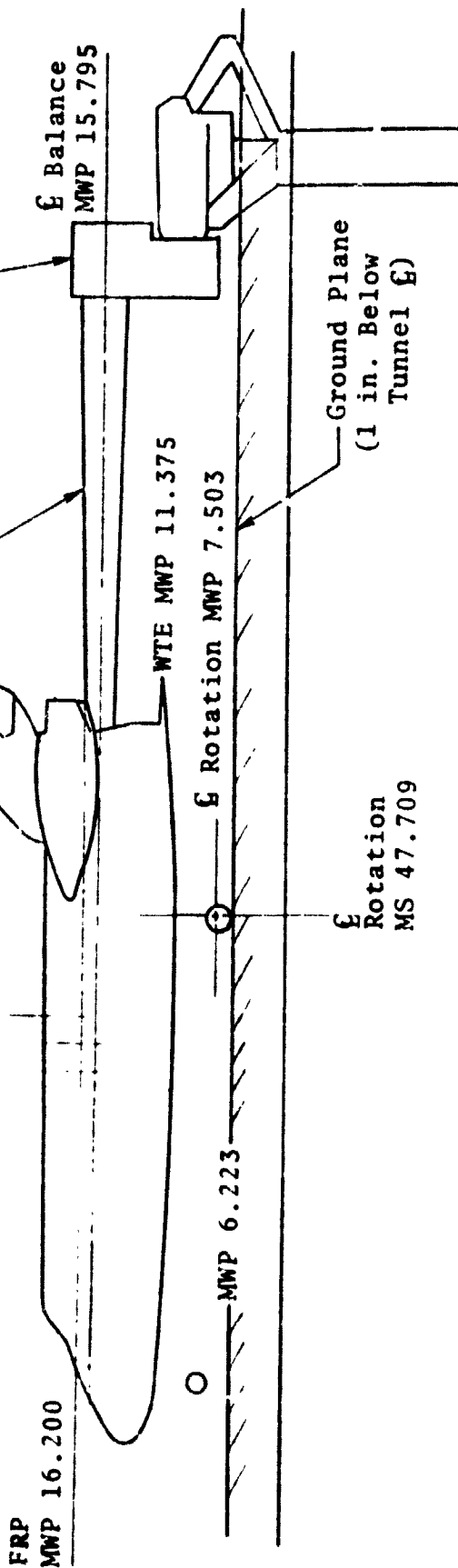


a. Model General Arrangement
Figure 2. Model Sketches

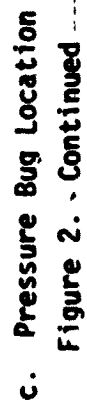
£ Fwd Balance Pin
M.S. 41.500

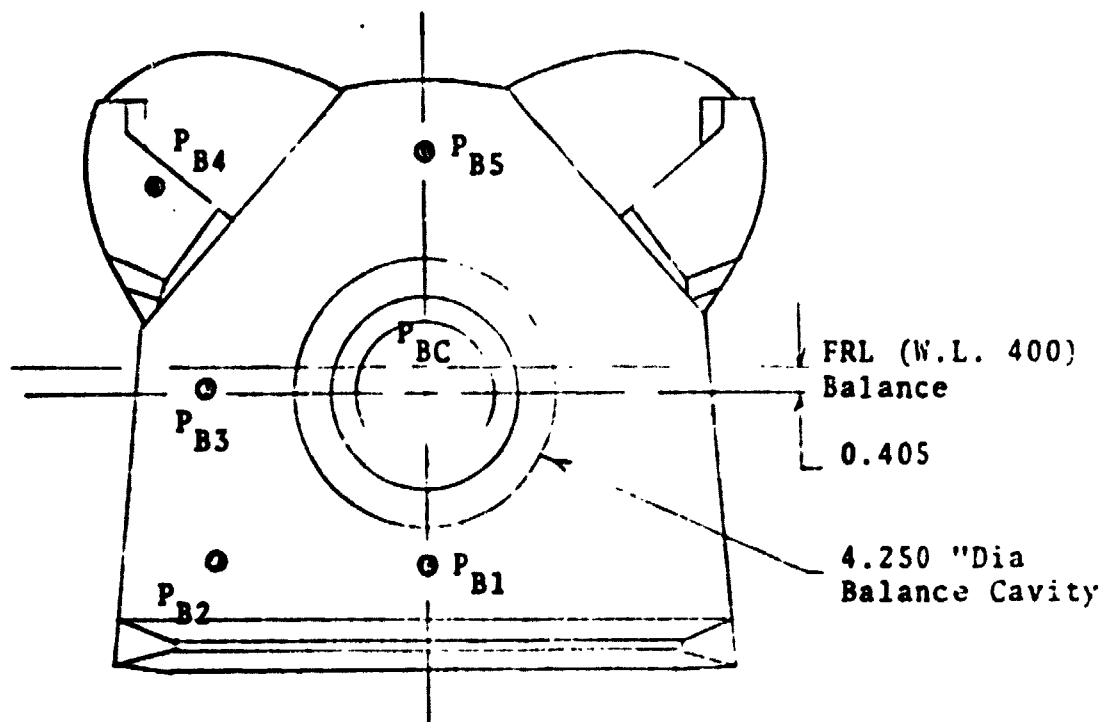
Balance Center
MS43.500

Ref. C.G.
MS 43.597

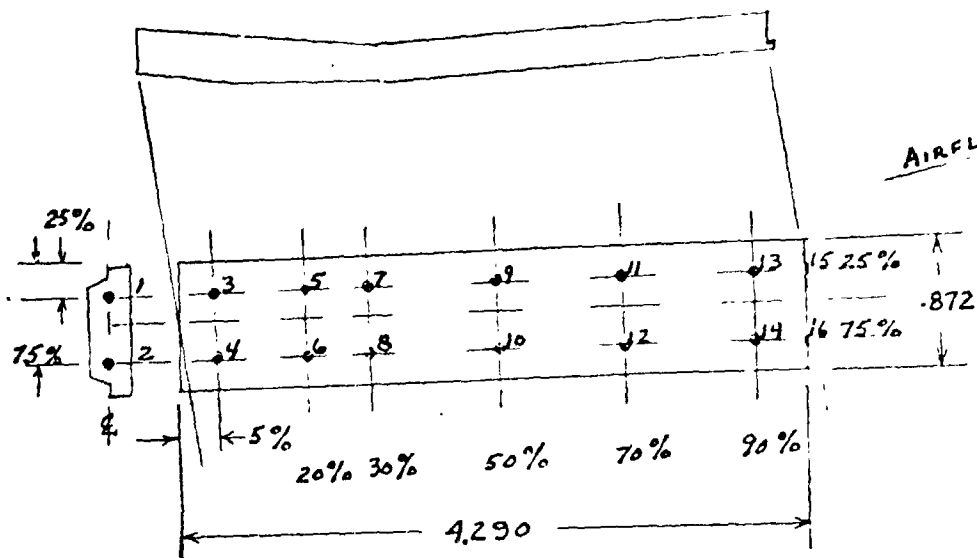


b. Model Installation
Figure 2. Continued

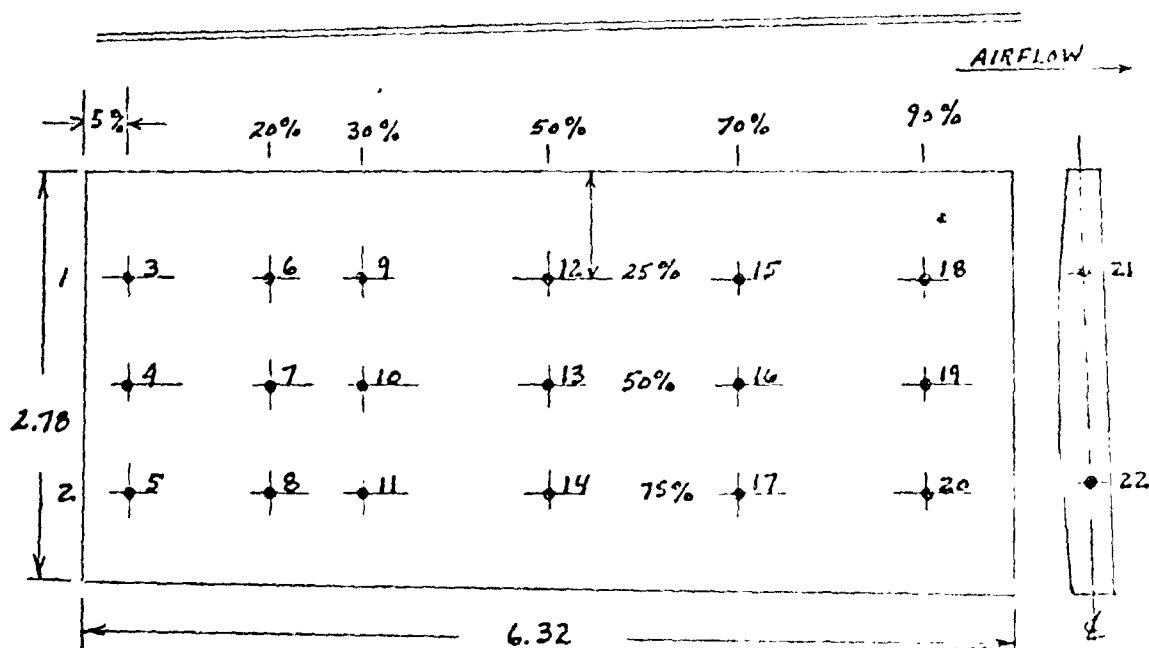




d. Model Base - View Fwd.
Figure 2 Continued



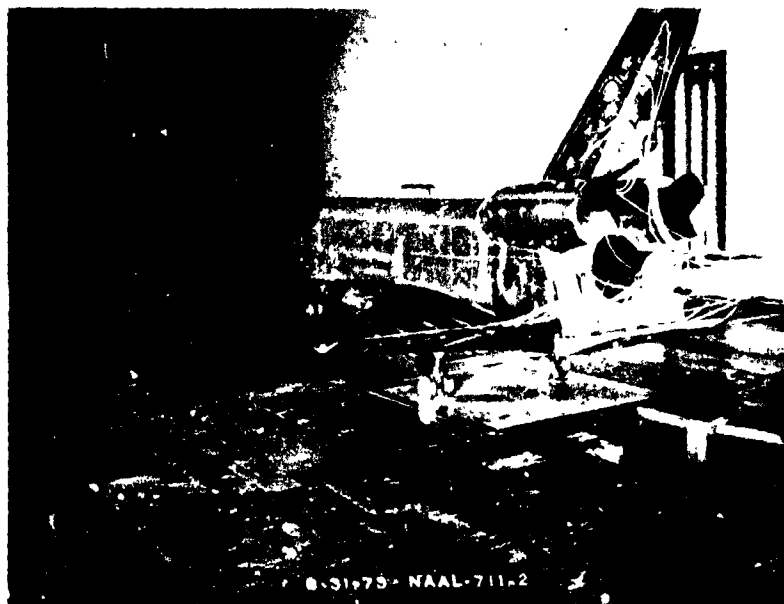
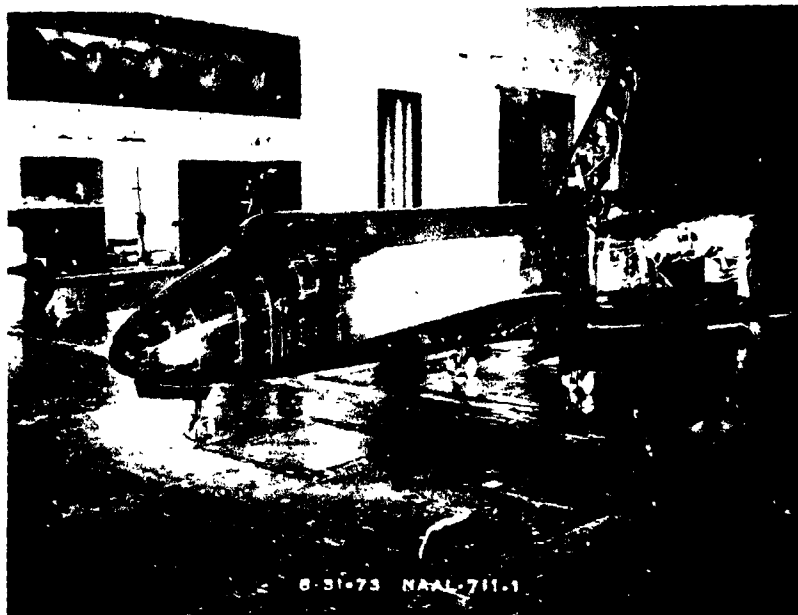
PRESSURE TAP LOCATIONS FOR NOSE LANDING GEAR DOOR
(L.H. shown)



PRESSURE TAP LOCATIONS FOR MAIN LANDING GEAR DOOR
(L.H. shown)

NOTES Taps shown on aft end of door; taps required on front also.
Taps shown on outside; taps required in inner side also.

e. Landing Gear Door Pressure Tap Locations
Figure 2 Concluded



BASIC CONFIGURATION $B_{20}C_{9}E_{26}F_{8}G_{15}M_{7}R_{5}V_{8}W_{116}X_{9}$

Figure 3. Model Installation Photographs

APPENDIX A
TABULATED FORCE DATA

OAS9 826C9G15M7F8 W116E26V8R5X9

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

RUN NO. 199/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.165	5.080	.21450	.04850	.02278	.21800	.02934	-.00733	.01299	.22000	.54700	.04526
.165	10.150	.56780	.08600	.01200	.57410	-.01544	-.00697	.01938	.20600	.63100	.04427
.165	13.210	.79900	.13770	.00011	.80640	-.04790	-.00595	.02258	.19300	.65100	.04373
.165	16.250	1.02800	.21100	-.01192	1.04600	-.08505	-.00762	.03155	.18600	.66300	.04462
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PARAMETRIC DATA

BETA = -10.000 BDFLAP = -14.250
ELEVON = .000 AILRON = .000
RUDDER = .000 GP.POS = .136

OAS9 826C9G15M7F8 W116E26V8R5X9

(RDQ200) (08 NOV 75)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

RUN NO. 200/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	COF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.165	5.060	.19650	.05840	.02638	.20090	.04090	-.00007	.00044	-.00300	.52000	.03781
.165	10.160	.54440	.09030	.01700	.55180	-.00719	-.00036	.00058	-.00300	.62100	.03827
.165	13.230	.78280	.14300	.00469	.79470	-.03988	-.00007	-.00073	-.00300	.54500	.03904
	GRADIENT	1.04290	.22400	-.01001	1.06380	-.07752	.00102	-.00060	-.00600	.66100	.04038
		.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

PARAMETRIC DATA

BETA = .000 BDFLAP = -14.250
ELEVON = .000 AILRON = .000
RUDDER = .000 GP.POS = .136

DATE 13 NOV 75
TABULATED FORCE DATA FOR NRLAD LSHT TEST 711 (OAG9)
OAG9 R26C915H7ER W116E26V8H5X9
(R00201) (08 NOV 75)
PAGE 2

REFERENCE DATA

SREF	=	4.4119	SQ.FT.	XMRP	=	43.5974	INCHES
LREF	=	52.2570	INCHES	YMRP	=	.0000	INCHES
BREF	=	52.2570	INCHES	ZMRP	=	16.2000	INCHES
SCALE	=	.0405	SCALE				

RUN NO. 2017 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

[illegible]

REFERENCE DATA

SREF	=	4.4119	SO.FT.	XMRP	=	43.5974	INCHES
LREF	=	52.2570	INCHES	YMRP	=	.0000	INCHES
BREF	=	52.2570	INCHES	ZMRP	=	16.2000	INCHES
SCALE	=	.0405	SCALE				

RUN NO. 202/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

[illegible]

PARAMETRIC DATA

BETA	-10.000	BOFLAP	-14.250
ELEVON	.000	AILRON	.000
RUDDER	.000	GP.POS	.136

PARAMETRIC DATA

BETA	-10.000	BOFLAP	-14.250
ELEVON	.000	AIRLON	.000
RUDDER	.000	GP.POS	.136

DATE 13 NOV 75

TABULATED FORCE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 3

(R00203) (06 NOV 75)

0A69 B26C9 H7FB W116E26V8R5X9

REFERENCE DATA

SREF	=	4.4119	50.FT.	XMRP	=	43.5974	INCHES
LREF	=	52.2570	INCHES	YMRP	=	.0000	INCHES
BREF	=	52.2570	INCHES	ZMRP	=	16.2000	INCHES
SCALE	=	.0405	SCALE				

BETA
ELEVON
RUDDER

-5.000	BDFLAP	=	-14.250
.000	AILRON	=	.000
.000	GP.POS	=	.136

RUN NO.	203/ 0	RN/L =	1.20	GRADIENT INTERVAL =	-6.00/	6.00
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[illegible]

0A69 B26C9 M7F8 W116E26V8R5X9

(RDQ204) (08 NOV 75)

REFERENCE DATA

SREF	=	4.4119	SO.FT.	XPRP	=	43.5974	INCHES
LREF	=	52.2570	INCHES	YPRP	=	.0000	INCHES
BREF	=	52.2570	INCHES	ZPRP	=	16.2000	INCHES
SCALE	=	.0405	SCALE				

BETA
ELEVON
RUDDER

.000	BDFLAP =	-14.250
.000	AILRON =	.000
.000	GP.POS =	.136

RUN NO.	204 / 0	RN/L =	1.20	GRADIENT INTERVAL =	-6.00 /	6.00
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[illegible]

DATE 13 NOV 75

TABULATED FORCE DATA FOR NRLAD LSHT TEST 711 (0A69)

PAGE 4

0A69 B26C9 M7F8 W116E26V8R5X9

(R0Q205) (08 NOV 75)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

BETA = -14.250
ELEVON = .000
RUDDER = .000 GP.POS = .136

PARAMETRIC DATA

RUN NO. 205/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	CL	CDF	CLM	CN	CAF	CYN	CBL	CY	XCP/L	CAB
.165	5.050	.19680	.01720	.02403	.19750	-.00016	.00835	-.01307	-.19600	.53000	.04509
.165	10.130	.53970	.05730	.01413	.54140	-.03858	.00784	-.02062	-.18900	.62600	.04435
.165	13.190	.78840	.11010	-.00158	.79270	-.07274	.00755	-.02309	-.18600	.65400	.04666
.165	16.260	1.07700	.20170	-.02477	1.09040	-.10798	.02907	-.02519	-.19700	.67400	.04532
	GRADIENT	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000	.00000

0A69 B26C9G15M7F8 W116E26V8R5X9

(B0Q199) (02 JAN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

BETA = -14.250
ELEVON = .000
RUDDER = .000 GP.POS = .136

PARAMETRIC DATA

RUN NO. 199/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	L/OF
.165	5.080	4.42268
.165	10.150	6.60233
.165	13.210	5.78068
.165	16.250	4.87204
	GRADIENT	.00000

DATE 13 NOV 75

TABULATED FORCE DATA FOR NRLAD LSMT TEST 711 (0A69)

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0A69 B26C9G15M7F8 W116E26V8R5X9

(800200) (02 JAN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

BETA =
ELEVON =
RUDDER =

PARAMETRIC DATA

.000 BDFLAP = -14.250
.000 AILRON = .000
.000 GP.POS = .136

RUN NO. 200/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH ALPHA L/DF
.165 5.060 3.36473
.165 10.160 6.02879
.165 13.230 5.47413
.165 16.290 4.65580
GRADIENT .00000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

BETA =
ELEVON =
RUDDER =

PARAMETRIC DATA

10.000 BDFLAP = -14.250
.000 AILRON = .000
.000 GP.POS = .136

RUN NO. 201/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH ALPHA L/DF
.165 5.070 5.50610
.165 10.140 6.79281
.165 13.200 5.98259
.165 16.250 4.91147
GRADIENT .00000

REPRODUCED FROM
ORIGINAL RECORD

DATE 13 NOV 75

TABULATED FORCE DATA FOR NLRAD LSWT TEST 711 (0A69)

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0A69 B26C9 M7F8 W116E26V8R5X9

(BDO202) (02 JAN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

BETA = -10.000 BDFLAP = -14.250
ELEVON = .000 AILRON = .000
RUDDER = .000 GP.POS = .136

RUN NO. 202/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	L/DF
.165	5.020	11.18293
.165	10.130	9.35294
.165	13.210	7.03795
.165	16.240	5.30612
	GRADIENT	.00000

REFERENCE DATA

SREF = 4.4119 SQ.FT. XMRP = 43.5974 INCHES
LREF = 52.2570 INCHES YMRP = .0000 INCHES
BREF = 52.2570 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

0A69 B26C9 M7F8 W116E26V8R5X9

(BDO203) (02 JAN 74)

PARAMETRIC DATA

BETA = -5.000 BDFLAP = -14.250
ELEVON = .000 AILRON = .000
RUDDER = .000 GP.POS = .136

RUN NO. 203/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH	ALPHA	L/DF
.165	5.040	6.64599
.165	10.120	8.15008
.165	13.210	6.64941
.165	16.250	5.12114
	GRADIENT	.00000

DATE 13 NOV 75

TABULATED FORCE DATA FOR NLRAD LSMT TEST 711 (0A69)

PAGE 7

0A69 B26C9 M7F8 W116E26V8R5X9

(800204) (02 JAN 74)

REFERENCE DATA

SREF = 4.4119 SQ.FT.
LREF = 52.2570 INCHES
BREF = 52.2570 INCHES
SCALE = .0405 SCALE

BETA =
ELEVON =
RUDDER =

PARAMETRIC DATA

.000 BOFLAP = -14.250
.000 AILRON = .000
.000 GP.POS = .136

RUN NO. 204/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH ALPHA L/DF
.165 5.040 5.75974
.165 10.120 7.92504
.165 13.180 6.46000
.165 16.240 5.06355
GRADIENT .00030

REFERENCE DATA

SREF = 4.4119 SQ.FT.
LREF = 52.2570 INCHES
BREF = 52.2570 INCHES
SCALE = .0405 SCALE

BETA =
ELEVON =
RUDDER =

PARAMETRIC DATA

10.000 BOFLAP = -14.250
.000 AILRON = .000
.000 GP.POS = .136

0A69 B26C9 M7F8 W116E26V8R5X9

(800205) (02 JAN 74)

RUN NO. 205/ 0 RN/L = 1.20 GRADIENT INTERVAL = -6.00/ 6.00

MACH ALPHA L/DF
.165 5.050 11.44186
.165 10.130 9.41885
.165 13.190 7.16076
.165 16.260 5.33961
GRADIENT .00000

APPENDIX B
TABULATED PRESSURE DATA

DATE 19 NOV 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 1

(R00A12) (03 OCT 75)

B28C9C1547FBW116E26V8R5X9 RIGHT FUSELAGE

REFERENCE DATA

SREF = 44.120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFAP = -14.250 BETA = -10.000

BETA (1) = -10.060 ALPHA (1) = -2.980

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	0000	0060	0230	0470	0700	1124	1473	1670	1860	2050	2364	3023	3798	4999	5774
PHI	.000	.1985	.4704	.6899	.8244	.1348	-.7210	-.2298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1159	
20 000				-.0005	-.4068	-.6059	-.3992	-.2028	-.2058	-.1984					
40 000				-.0842	-.2455	-.1917	-.3199	-.2531	-.2475	-.1981	-.1255	-.1272	-.0688	.0253	
50 000				-.1127	-.1609	-.2001	-.2533	-.2697	-.3014	-.3437					
70 000				-.1433	-.1787	-.2009	-.2468	-.2895	-.3443	-.3828	-.1571	-.0857	-.0359		
90 000			0326	-.2012	-.2706	-.2777	-.3597	-.3668	-.4586	-.4631	-.1821	-.1030	-.0530		
120 000				-.2550	-.1416	-.1629	-.2795	-.2375	-.3685	-.5233	-.3194	-.1610	-.1197		
150 000				-.0563	-.0548	-.0561	-.0759	-.1921	-.6312	-.4151	-.2785	-.2577	-.2389		
165 000										-.6747					
180 000		.1985	.8288	.3201	.2011	.1703	.1390	.2504	-.4678	-.4581	-.1986	-.1836	-.1675		

X/LB	0000	0060	0230	0470	0700	1124	1473	1670	1860	2050	2364	3023	3798	4999	5774
PHI	.000	.1985	.4704	.6899	.8244	.1348	-.7210	-.2298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1159	
20 000				-.0005	-.4068	-.6059	-.3992	-.2028	-.2058	-.1984					
40 000				-.0842	-.2455	-.1917	-.3199	-.2531	-.2475	-.1981	-.1255	-.1272	-.0688	.0253	
50 000				-.1127	-.1609	-.2001	-.2533	-.2697	-.3014	-.3437					
70 000				-.1433	-.1787	-.2009	-.2468	-.2895	-.3443	-.3828	-.1571	-.0857	-.0359		
90 000			0326	-.2012	-.2706	-.2777	-.3597	-.3668	-.4586	-.4631	-.1821	-.1030	-.0530		
120 000				-.2550	-.1416	-.1629	-.2795	-.2375	-.3685	-.5233	-.3194	-.1610	-.1197		
150 000				-.0563	-.0548	-.0561	-.0759	-.1921	-.6312	-.4151	-.2785	-.2577	-.2389		
165 000										-.6747					
180 000		.1985	.8288	.3201	.2011	.1703	.1390	.2504	-.4678	-.4581	-.1986	-.1836	-.1675		

X/LB	0000	0060	0230	0470	0700	1124	1473	1670	1860	2050	2364	3023	3798	4999	5774
PHI	.000	.1985	.4704	.6899	.8244	.1348	-.7210	-.2298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1159	
20 000				-.0005	-.4068	-.6059	-.3992	-.2028	-.2058	-.1984					
40 000				-.0842	-.2455	-.1917	-.3199	-.2531	-.2475	-.1981	-.1255	-.1272	-.0688	.0253	
50 000				-.1127	-.1609	-.2001	-.2533	-.2697	-.3014	-.3437					
70 000				-.1433	-.1787	-.2009	-.2468	-.2895	-.3443	-.3828	-.1571	-.0857	-.0359		
90 000			0326	-.2012	-.2706	-.2777	-.3597	-.3668	-.4586	-.4631	-.1821	-.1030	-.0530		
120 000				-.2550	-.1416	-.1629	-.2795	-.2375	-.3685	-.5233	-.3194	-.1610	-.1197		
150 000				-.0563	-.0548	-.0561	-.0759	-.1921	-.6312	-.4151	-.2785	-.2577	-.2389		
165 000										-.6747					
180 000		.1985	.8288	.3201	.2011	.1703	.1390	.2504	-.4678	-.4581	-.1986	-.1836	-.1675		

X/LB	0000	0060	0230	0470	0700	1124	1473	1670	1860	2050	2364	3023	3798	4999	5774
PHI	.000	.1985	.4704	.6899	.8244	.1348	-.7210	-.2298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1159	
20 000				-.0005	-.4068	-.6059	-.3992	-.2028	-.2058	-.1984					
40 000				-.0842	-.2455	-.1917	-.3199	-.2531	-.2475	-.1981	-.1255	-.1272	-.0688	.0253	
50 000				-.1127	-.1609	-.2001	-.2533	-.2697	-.3014	-.3437					
70 000				-.1433	-.1787	-.2009	-.2468	-.2895	-.3443	-.3828	-.1571	-.0857	-.0359		
90 000			0326	-.2012	-.2706	-.2777	-.3597	-.3668	-.4586	-.4631	-.1821	-.1030	-.0530		
120 000				-.2550	-.1416	-.1629	-.2795	-.2375	-.3685	-.5233	-.3194	-.1610	-.1197		
150 000				-.0563	-.0548	-.0561	-.0759	-.1921	-.6312	-.4151	-.2785	-.2577	-.2389		
165 000										-.6747					
180 000		.1985	.8288	.3201	.2011	.1703	.1390	.2504	-.4678	-.4581	-.1986	-.1836	-.1675		

X/LB	0000	0060	0230	0470	0700	1124	1473	1670	1860	2050	2364	3023	3798	4999	5774
PHI	.000	.1985	.4704	.6899	.8244	.1348	-.7210	-.2298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1159	
20 000				-.0005	-.4068	-.6059	-.3992	-.2028	-.2058	-.1984					
40 000				-.0842	-.2455	-.1917	-.3199	-.2531	-.2475	-.1981	-.1255	-.1272	-.0688	.0253	
50 000				-.1127	-.1609	-.2001	-.2533	-.2697	-.3014	-.3437					
70 000				-.1433	-.1787	-.2009	-.2468	-.2895	-.3443	-.3828	-.1571	-.0857	-.0359		
90 000			0326	-.2012	-.2706	-.2777	-.3597	-.3668	-.4586	-.4631	-.1821	-.1030	-.0530		
120 000				-.2550	-.1416	-.1629	-.2795	-.2375	-.3685	-.5233	-.3194	-.1610	-.1197		
150 000				-.0563	-.0548	-.0561	-.0759	-.1921	-.6312	-.4151	-.2785	-.2577	-.2389		
165 000										-.6747					
180 000		.1985	.8288	.3201	.2011	.1703	.1390	.2504	-.4678	-.4581	-.1986	-.1836	-.1675		

X/LB	0000	0060	0230	0470	0700	1124	1473	1670	1860	2050	2364	3023	3798	4999	5774
PHI	.000	.1985	.4704	.6899	.8244	.1348	-.7210	-.2298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1159	
20 000				-.0005	-.4068	-.6059	-.3992	-.2028	-.2058	-.1984					
40 000				-.0842	-.2455	-.1917	-.3199	-.2531	-.2475	-.1981	-.1255	-.1272	-.0688	.0253	
50 000				-.1127	-.1609	-.2001	-.2533	-.2697	-.3014	-.3437					
70 000				-.1433	-.1787	-.2009	-.2468	-.2895	-.3443	-.3828	-.1571	-.0857	-.0359		
90 000			0326	-.2012	-.2706	-.2777	-.3597	-.3668	-.4586	-.4631	-.1821	-.1030	-.0530		
120 000				-.2550	-.1416	-.1629	-.2795	-.2375	-.3685	-.5233	-.3194	-.1610	-.1197		
150 000				-.0563	-.0548	-.0561	-.0759	-.1921	-.6312	-.4151	-.2785	-.2577	-.2389		
165 000										-.6747					
180 000		.1985	.8288	.3201	.2011	.1703	.1390	.2504	-.4678	-.4581	-.1986	-.1836	-.1675		

X/LB	0000	0060	0230	0470	0700	1124	1473	1670	1860	2050	2364	3023	3798	4999	5774
PHI	.000	.1985	.4704	.6899	.8244	.1348	-.7210	-.2298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1159	
20 000				-.0005	-.4068	-.6059	-.3992	-.2028	-.2058	-.1984					
40 000				-.0842	-.2455	-.1917	-.3199	-.2531	-.2475	-.1981	-.1255	-.1272	-.0688	.0253	
50 000				-.1127	-.1609	-.2001	-.2533	-.2697	-.3014	-.3437					
70 000				-.1433	-.1787	-.2009	-.2468	-.2895	-.3443	-.3828	-.1571	-.0857	-.0359		
90 000			0326	-.2012	-.2706	-.2777	-.3597	-.3668	-.4586	-.4631	-.1821	-.1030	-.0530		
120 000				-.2550	-.1416	-.1629	-.2795	-.2375	-.3685	-.5233	-.3194	-.1610	-.1197		
150 000				-.0563	-.0548	-.0561	-.0759	-.1921	-.6312	-.4151	-.2785	-.2577	-.2389		
165 000										-.6747</					

DATE 00 00 75

(R00A12)

RELATED PROGRESS DATA FOR WPLAD LSMT TEST 711 (0A69)

RECORDS ENTERED: 16220, 095X9 RIGHT FUSELAGE

BETA () = -10.070 ALPHA () = 5.020

SECTION () RIGHT FUSELAGE

DEPENDENT VARIABLE CP

Y/LB	65-9	720+	7628	825+	8835	9262	9649	1.0037
PHI 000	.1273	- .0272						
40 000	.2346	.2291						
70 000	-.3244	-.3355						
90 000	-.1574	-.1679	-.2527	-.1905	-.1960	-.1681	-.1792	
100 000			-.1155	-.2189	-.2718	-.2155	-.2171	-.2527
110 000								-.2408
120 000	-.2555	-.2537	-.147	-.1513	-.1453	-.3072	-.2519	
130 000				-.1433	-.1421	-.3651	-.2605	
140 000				-.0237	-.0451	-.3360	-.2483	
150 000	-.1531	-.0808	-.016	-.0237	-.0451	-.3360	-.2483	
160 000			-.0273	-.1252	-.1453	-.3842	-.2393	
170 000	-.1815	-.1115						

BETA () = -10.060 ALPHA () = 10.090

SECTION () RIGHT FUSELAGE

DEPENDENT VARIABLE CP

Y/LB	5000	5080	5230	5470	5700	5924	6173	6470	6700	6950	7200	7450	7700	7950	8200	8450	8700	8950	9200	9450	9700	9950	1.0200	1.0450	1.0700	1.0950	1.1200	1.1450	1.1700	1.1950	1.2200	1.2450	1.2700	1.2950	1.3200	1.3450	1.3700	1.3950	1.4200	1.4450	1.4700	1.4950	1.5200	1.5450	1.5700	1.5950	1.6200	1.6450	1.6700	1.6950	1.7200	1.7450	1.7700	1.7950	1.8200	1.8450	1.8700	1.8950	1.9200	1.9450	1.9700	1.9950	2.0200	2.0450	2.0700	2.0950	2.1200	2.1450	2.1700	2.1950	2.2200	2.2450	2.2700	2.2950	2.3200	2.3450	2.3700	2.3950	2.4200	2.4450	2.4700	2.4950	2.5200	2.5450	2.5700	2.5950	2.6200	2.6450	2.6700	2.6950	2.7200	2.7450	2.7700	2.7950	2.8200	2.8450	2.8700	2.8950	2.9200	2.9450	2.9700	2.9950	3.0200	3.0450	3.0700	3.0950	3.1200	3.1450	3.1700	3.1950	3.2200	3.2450	3.2700	3.2950	3.3200	3.3450	3.3700	3.3950	3.4200	3.4450	3.4700	3.4950	3.5200	3.5450	3.5700	3.5950	3.6200	3.6450	3.6700	3.6950	3.7200	3.7450	3.7700	3.7950	3.8200	3.8450	3.8700	3.8950	3.9200	3.9450	3.9700	3.9950	4.0200	4.0450	4.0700	4.0950	4.1200	4.1450	4.1700	4.1950	4.2200	4.2450	4.2700	4.2950	4.3200	4.3450	4.3700	4.3950	4.4200	4.4450	4.4700	4.4950	4.5200	4.5450	4.5700	4.5950	4.6200	4.6450	4.6700	4.6950	4.7200	4.7450	4.7700	4.7950	4.8200	4.8450	4.8700	4.8950	4.9200	4.9450	4.9700	4.9950	5.0200	5.0450	5.0700	5.0950	5.1200	5.1450	5.1700	5.1950	5.2200	5.2450	5.2700	5.2950	5.3200	5.3450	5.3700	5.3950	5.4200	5.4450	5.4700	5.4950	5.5200	5.5450	5.5700	5.5950	5.6200	5.6450	5.6700	5.6950	5.7200	5.7450	5.7700	5.7950	5.8200	5.8450	5.8700	5.8950	5.9200	5.9450	5.9700	5.9950	6.0200	6.0450	6.0700	6.0950	6.1200	6.1450	6.1700	6.1950	6.2200	6.2450	6.2700	6.2950	6.3200	6.3450	6.3700	6.3950	6.4200	6.4450	6.4700	6.4950	6.5200	6.5450	6.5700	6.5950	6.6200	6.6450	6.6700	6.6950	6.7200	6.7450	6.7700	6.7950	6.8200	6.8450	6.8700	6.8950	6.9200	6.9450	6.9700	6.9950	7.0200	7.0450	7.0700	7.0950	7.1200	7.1450	7.1700	7.1950	7.2200	7.2450	7.2700	7.2950	7.3200	7.3450	7.3700	7.3950	7.4200	7.4450	7.4700	7.4950	7.5200	7.5450	7.5700	7.5950	7.6200	7.6450	7.6700	7.6950	7.7200	7.7450	7.7700	7.7950	7.8200	7.8450	7.8700	7.8950	7.9200	7.9450	7.9700	7.9950	8.0200	8.0450	8.0700	8.0950	8.1200	8.1450	8.1700	8.1950	8.2200	8.2450	8.2700	8.2950	8.3200	8.3450	8.3700	8.3950	8.4200	8.4450	8.4700	8.4950	8.5200	8.5450	8.5700	8.5950	8.6200	8.6450	8.6700	8.6950	8.7200	8.7450	8.7700	8.7950	8.8200	8.8450	8.8700	8.8950	8.9200	8.9450	8.9700	8.9950	9.0200	9.0450	9.0700	9.0950	9.1200	9.1450	9.1700	9.1950	9.2200	9.2450	9.2700	9.2950	9.3200	9.3450	9.3700	9.3950	9.4200	9.4450	9.4700	9.4950	9.5200	9.5450	9.5700	9.5950	9.6200	9.6450	9.6700	9.6950	9.7200	9.7450	9.7700	9.7950	9.8200	9.8450	9.8700	9.8950	9.9200	9.9450	9.9700	9.9950	10.0200	10.0450	10.0700	10.0950	10.1200	10.1450	10.1700	10.1950	10.2200	10.2450	10.2700	10.2950	10.3200	10.3450	10.3700	10.3950	10.4200	10.4450	10.4700	10.4950	10.5200	10.5450	10.5700	10.5950	10.6200	10.6450	10.6700	10.6950	10.7200	10.7450	10.7700	10.7950	10.8200	10.8450	10.8700	10.8950	10.9200	10.9450	10.9700	10.9950	11.0200	11.0450	11.0700	11.0950	11.1200	11.1450	11.1700	11.1950	11.2200	11.2450	11.2700	11.2950	11.3200	11.3450	11.3700	11.3950	11.4200	11.4450	11.4700	11.4950	11.5200	11.5450	11.5700	11.5950	11.6200	11.6450	11.6700	11.6950	11.7200	11.7450	11.7700	11.7950	11.8200	11.8450	11.8700	11.8950	11.9200	11.9450	11.9700	11.9950	12.0200	12.0450	12.0700	12.0950	12.1200	12.1450	12.1700	12.1950	12.2200	12.2450	12.2700	12.2950	12.3200	12.3450	12.3700	12.3950	12.4200	12.4450	12.4700	12.4950	12.5200	12.5450	12.5700	12.5950	12.6200	12.6450	12.6700	12.6950	12.7200	12.7450	12.7700	12.7950	12.8200	12.8450	12.8700	12.8950	12.9200	12.9450	12.9700	12.9950	13.0200	13.0450	13.0700	13.0950	13.1200	13.1450	13.1700	13.1950	13.2200	13.2450	13.2700	13.2950	13.3200	13.3450	13.3700	13.3950	13.4200	13.4450	13.4700	13.4950	13.5200	13.5450	13.5700	13.5950	13.6200	13.6450	13.6700	13.6950	13.7200	13.7450	13.7700	13.7950	13.8200	13.8450	13.8700	13.8950	13.9200	13.9450	13.9700	13.9950	14.0200	14.0450	14.0700	14.0950	14.1200	14.1450	14.1700	14.1950	14.2200	14.2450	14.2700	14.2950	14.3200	14.3450	14.3700	14.3950	14.4200	14.4450	14.4700	14.4950	14.5200	14.5450	14.5700	14.5950	14.6200	14.6450	14.6700	14.6950	14.7200	14.7450	14.7700	14.7950	14.8200	14.8450	14.8700	14.8950	14.9200	14.9450	14.9700	14.9950	15.0200	15.0450	15.0700	15.0950	15.1200	15.1450	15.1700	15.1950	15.2200	15.2450	15.2700	15.2950	15.3200	15.3450	15.3700	15.3950	15.4200	15.4450	15.4700	15.4950	15.5200	15.5450	15.5700	15.5950	15.6200	15.6450	15.6700	15.6950	15.7200	15.7450	15.7700	15.7950	15.8200	15.8450	15.8700	15.8950	15.9200	15.9450	15.9700	15.9950	16.0200	16.0450	16.0700	16.0950	16.1200	16.1450	16.1700	16.1950	16.2200	16.2450	16.2700	16.2950	16.3200	16.3450	16.3700	16.3950	16.4200	16.4450	16.4700	16.4950	16.5200	16.5450	16.5700	16.5950	16.6200	16.6450	16.6700	16.6950	16.7200	16.7450	16.7700	16.7950	16.8200	16.8450	16.8700	16.8950	16.9200	16.9450	16.9700	16.9950	17.0200	17.0450	17.0700	17.0950	17.1200	17.1450	17.1700	17.1950	17.2200	17.2450	17.2700	17.2950	17.3200	17.3450	17.3700	17.3950	17.4200	17.4450	17.4700	17.4950	17.5200	17.5450	17.5700	17.5950	17.6200	17.6450	17.6700	17.6950	17.7200	17.7450	17.7700	17.7950	17.8200	17.8450	17.8700	17.8950	17.9200	17.9450	17.9700	17.9950	18.0200	18.0450	18.0700	18.0950	18.1200	18.1450	18.1700	18.1950	18.2200	18.2450	18.2700	18.2950	18.3200	18.3450	18.3700	18.3950	18.4200	18.4450	18.4700	18.4950	18.5200	18.5450	18.5700	18.5950	18.6200	18.6450	18.6700	18.6950	18.7200	18.7450	18.7700	18.7950	18.8200	18.8450	18.8700	18.8950	18.9200	18.9450	18.9700	18.9950	19.0200	19.0450	19.0700	19.0950	19.1200	19.1450	19.1700	19.1950	19.2200	19.2450	19.2700	19.2950	19.3200	19.3450	19.3700	19.3950	19.4200	19.4450	19.4700	19.4950	19.5200	19.5450	19.5700	19.5950	19.6200	19.6450	19.6700	19.6950	19.7200	19.7450	19.7700	19.7950	19.8200	19.8450	19.8700	19.8950	19.9200	19.9450	19.9700	19.9950	20.0200	20.0450	20.0700	20.0950	20.1200	20.1450	20.1700	20.1950	20.2200	20.2450	20.2700	20.2950	20.3200	20.3450	20.3700	20.3950	20.4200	20.4450	20.4700	20.4950	20.5200	20.5450	20.5700	20.5950	20.6200	20.6450	20.6700	20.6950	20.7200	20.7450	20.7700	20.7950	20.8200	20.8450	20.8700	20.8950	20.9200	20.9450	20.9700	20.9950	21.0200	21.0450	21.0700	21.0950	21.1200	21.1450	21.1700	21.1950	21.2200	21.2450	21.2700	21.2950	21.3200	21.3450	21.3700	21.3950	21.4200	21.4450	21.4700	21.4950	21.5200	21.5450	21.5700	21.5950	21.6200	21.6450	21.6700	21.6950	21.7200	21.7450	21.7700	21.7950	21.8200	21.8450	21.8700	21.8950	21.9200	21.9450	21.9700	21.9950	22.0200	22.0450	22.0700	22.0950	22.1200	22.1450	22.1700	22.1950	22.2200	22.2450	22.2700	22.2950	22.3200	22.3450	22.3700	22.3950	22.4200	22.4450	22.4700	22.4950	22.5200	22.5450	22.5700	22.5950	22.6200	22.6450	22.6700	22.6950	22.7200	22.7450	22.7700	22.7950	22.8200	22.8450	22.8700	22.8950	22.9200	22.9450	22.9700	22.9950	23.0200	23.0450	23.0700	23.0950	23.1200	23.1450	23.1700	23.1950	23.2200	23.2450	23.2700	23.2950	23.3200	23.3450	23.3700	23.3950	23.4200	23.4450	23.4700	23.4950	23.5200	23.5450	23.5700	23.5950	23.6200	23.6450	23.6700	23.6950	23.7200	23.7450	23.7700	23.7950	23.8200	23.8450	23.8700	23.8950	23.9200	23.9450	23.9700	23.99
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DATE 20 OCT 75

*ABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAB9)

PAGE 5

(RDOA12)

B25C9G15M7F8W116E26V8R5X9 RIGHT FUSELAGE

BETA (1) = -10.050 ALPHA (6) = 16.220

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037

PHI

.000 .4925 .4423
40.000 .5712 .5502
70.000 -.5384 -.5244
90.000 -.5002 -.5577
105.000
110.000
120.000
135.000
150.000
165.000
180.000

-.5198 -.4358 -.4457 -.2784 -.1872
-.4228 -.3306 -.3101 -.2352 -.1963
- .7395 -.5126 -.3802 -.3119
.4630 -.1523 -.4626 -.3532 -.2556
.2143 -.0617 -.5281 -.4151 -.2587
-.1171 -.0593 -.4833 -.3798 -.2958

-.3101
-.2611

-.4056 -.3808

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 8

B26C9C15M7F8W116E26V8R5X9 RIGHT FUSELAGE

(RDQA13) (03 OCT 75)

REFERENCE DATA

SREF	=	4.4120	SG.FT.	=	XMRP	=	33.9560	INCHES
LREF	=	19.2300	INCHES	=	YMRP	=	.0000	INCHES
BREF	=	37.9360	INCHES	=	ZMRP	=	16.2000	INCHES
SCALE	=	.0405	SCALE					

ELEVON	=	.000	RUDDER	=	-15.000
BOFLAP	=	-14.250	BETA	=	.000

PARAMETRIC DATA

$$\text{BETA} (1) = -.010 \quad \text{ALPHA} (1) = -2.950$$

SECTION 11 RIGHT FUSELAGE

DEPENDENT VARIABLE CF

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
P41															
20.000	.3512	.6454	.1946	.1620	.2552	.5824	.1609	.1459			.1315	.1034	.0823	.0564	.0712
40.000			.1778	.1194	.1550	.4052	.2064	.1712			.1266				
55.000			.2855	.2075	.0122	.2463	.2463	.2242			.1569	.0926	.0938	.0505	.0466
70.000			.1845	.0652	.0057	.1012	.1653	.2037			.2563				
90.000	.5105		.1911	.0937	.0289	.0576	.1282	.2075			.2974	.1081	.0442	.0009	
120.000			.1917	.0559	.0193	.1019	.1439	.2202			.3371	.1236	.0505	.0139	
150.000			.2390	.1349	.0535	.0935	.0662	.1351			.3349	.2229	.0760	.0459	
158.000			.3741	.2435	.2202	.1847	.2229	.1154		.4839	.3721	.1198	.0660	.0446	
160.000	.3512	.9457	.3940	.2063	.2458	.2259	.3835	.4025							
165.000								.4161	.3520			.3595	.0998	.0784	.0428
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037							

PHI					
	.000	-.1237	-.2813		
40.000		-.0934	-1.124		
70.000		-.1055	-1.1434		
90.000		-.10448	-.0262		
105.000					
110.000					
120.000		-.0809	-.0900		
135.000		-.0063	.0827		
150.000					
165.000		.0006	.0666		
180.000					

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NPLAD SWT TEST 711 (0A59)

(R00A13)

B26C9G15M7F9W116E26V8R5X9 RIGHT FUSELAGE

BETA (1) = .000 ALPHA (2) = .050

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.5680	.2553	-.1133	.2938	-.4650	-.0921	-.0787			-.3710	-.0443	-.0250	.0104	.0178
20.000			.2347	-.0709	-.0381	-.3295	-.1328	-.1017			-.0697				
40.000			.3196	.0445	-.0381	-.1265	-.1455	-.1368			-.0842	-.0267	-.0325	.0230	.1325
55.000			.2285	.0977	.0387	-.0552	-.1015	-.1613			-.2512				
70.000			.2104	.1070	.0547	-.0388	-.0935	-.1700			-.2795	-.1111	-.0604	-.0346	
90.000		.5118	.2236	.0787	.0470	-.0534	-.1040	-.1777			-.3136	-.1260	-.0710	-.0428	
120.000			.2566	.1804	.1537	.0500	-.0035	-.1403			-.3377	-.2170	-.0793	-.0638	
150.000			.3171	.2119	.1882	.1419	.1930	-.1922			-.4267	-.1369	-.0770	-.0618	
180.000															
PHI	.000	.9634	.3210	.2332	.1870	.1764	.3484	.3720			-.3506	-.1169	-.0913	-.0613	
20.000								.3714							
40.000		.7324	.7829	.8254	.8835	.9262	.9649	1.0037							
55.000															
70.000															
90.000			-.0880	-.0487	-.1075	-.1047	-.1590								
120.000			-.0232	-.0577	-.1475	-.1407	-.1445								
150.000								-.2345							
180.000								-.1808							

X/LB

PHI

.000	-.0157	-.1857													
20.000		.0444	.0040												
40.000	-.1773	-.1911													
55.000	-.0730	-.0294													
70.000			-.0880	-.0487	-.1075	-.1047	-.1590								
90.000			-.0232	-.0577	-.1475	-.1407	-.1445								
120.000															
150.000	-.1365	-.1309	-.0190	-.2205	-.2409	-.1754	-.1949								
180.000			.4078	.0016	-.2226	-.1574	-.1641								
PHI	.000	.0576	.2081	.0835	-.1861	-.1929	-.2053								
20.000			.1601	.1781	-.1288	-.1966	-.2350								
40.000	-.0235	.0407													

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.6010	.4142	.0023	.3726	-.2778	-.0034	.0011			.0138	.0399	.0653	.1289	.1673
20.000			.3524	.0401	-.0245	-.2100	-.0405	-.0210			.0054				
40.000			.4274	.1349	.1137	-.0512	-.0402	-.0617			-.0343	.0310	.0298	.1109	.2546
55.000			.2729	.1523	.0748	-.0322	-.0624	-.1313			-.2742				
70.000			.2108	.1144	.0650	-.0363	-.0630	-.1449			-.2730	-.1375	-.1007	-.0982	
90.000		.4551	.1997	.1124	.0568	-.0051	-.0435	-.1378			-.3008	-.1588	-.1140	-.1086	
120.000			.1950	.1290	.0708	.0160	-.0185	-.1479			-.3711	-.2805	-.1563	-.1568	
150.000			.2008	.1266	.1045	.0661	.1412	-.2610			-.5223	-.1627	-.0965	-.0888	
180.000															
PHI	.000	.9127	.1856	.1177	.0891	.0898	.2827	.3184			-.4342	-.1369	-.1043	-.0818	
20.000								.2965							
40.000															
55.000															
70.000															
90.000															
120.000															
150.000															
180.000															

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 8

(R00A13)

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/LB .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037

PHI

.000	.1612	.0069					
40.000	.2285	.1661					
70.000	-.2889	-.2619					
90.000	-.1434	-.0555					
105.000			-.1125	-.0538	-.1107	-.0925	-.1456
110.000			-.0273	-.0647	-.1554	-.1395	-.1367
120.000	-.2278	-.1931					-.2109
135.000			-.0022	-.1571	-.2209	-.11	-.1895
150.000	-.0732	.0140	.3087	-.0674	-.2268	-.1692	-.1730
165.000			.1415	.0299	-.2125	-.2050	-.2073
180.000	-.0550	.0047	.1097	.1203	-.1699	-.2123	-.2214

BETA (1) = .000 ALPHA (4) = 10.100

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB .0000 .0080 .0230 .0470 .0700 .1124 .1473 .1670 .1860 .2050 .2364 .3023 .3798 .4999 .5774

PHI

.000	.7433	.2242	.5214	.1295	.4545	-.1849	.0846	.0788						
20.000			.4640	.1567	.0296	-.1052	.0426	.0543						
40.000			.4493	.1823	.1600	-.0360	-.0122	-.0343						
55.000			.2659	.1449	.0151	-.0804	-.0866	-.1567						
70.000			.1940	.0827	.0566	-.0249	-.0786	-.1564						
90.000	.3352		.0900	.0471	.0384	-.0235	-.0788	-.1514						
120.000			.0909	.0377	.0274	-.0509	-.0650	-.1509						
150.000			.0657	.0198	.0094	-.0163	.0891	-.3285						
165.000									-.7535					
180.000	.7433	.7460	.0420	.0006	-.0069	.0083	.2204	.2670						
								.2267						
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037						

PHI

.000	.3258	.2136												
40.000	.3975	.3253												
70.000	-.4103	-.3559												
90.000	-.2101	-.0847												
105.000			-.1682	-.0946	-.1370	-.1041	-.1315							
110.000			-.3624	-.0923	-.1694	-.1352	-.1254							
120.000														
135.000	-.3199	-.2571	-.0270	-.1447	-.2285	-.1528	-.1826							
150.000			.2414	-.1030	-.2326	-.1805	-.1782							
165.000	-.1395	-.0603	.1636	-.0051	-.2826	-.2487	-.1898							
180.000	-.0768	-.0204	.0789	.1196	-.1603	-.2128	-.2098							

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

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823C3G15M7F8W116E26V8RSY9 RIGHT FUSELAGE

(RDQA13)

BETA (1) = .000 ALPHA (5) = 13.220

SECTION (1) RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.0976	.6005	.1998	.5076	-.1152	.1323	.1299	.1299	.1384	.1680	.2088	.3185	.3975	.4012
20.000	.5253	.2140	.0672	-.0539	.0900	-.0361	.0943	.0943	.0943	.1172	.0524	.0943	.2233	.3975	.4012
40.000	.4949	.1936	.1993	.0075	-.0122	-.1943	.1127	.1127	.1127	.3775	.2315	.2252	.2548	.2548	.2548
55.000	.2377	.0375	-.0589	.1446	-.0919	-.0727	-.1297	-.1297	-.1297	.3238	.3588	.2446	.4769	.4769	.4769
70.000	.1934	.0882	.0594	.0188	-.0311	-.1133	-.1127	-.1127	-.1127	.5181	.5592	.4837	.5886	.5886	.5886
90.000	.2342	-.0011	-.0433	-.0381	-.0471	-.0657	.0575	-.3671	-.3671	-.6561	-.2083	-.1413	-.1713	-.1713	-.1713
120.000	.0222	-.0381	-.0471	-.0657	-.0555	-.0557	.0575	-.8091	-.8091	-.4740	-.1565	-.1202	-.1141	-.1141	-.1141
150.000	-.0159	-.0498	-.0555	-.0638	-.0363	.1835	.1835	-.8003	-.8003	-.4740	-.1565	-.1202	-.1141	-.1141	-.1141
165.000	.5926	-.0459	-.0652	-.0638	-.0363	.1835	.1835	-.8003	-.8003	-.4740	-.1565	-.1202	-.1141	-.1141	-.1141
180.000	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0037	-.4740	-.1565	-.1202	-.1141	-.1141	-.1141

PHI	.000	.3403	.1774	-.2362	-.1575	-.1854	-.1907	-.1979	-.2224
20.000	.5002	.4367	.1774	-.2362	-.1575	-.1854	-.1907	-.1979	-.2224
40.000	-.5314	-.4565	.1774	-.2362	-.1575	-.1854	-.1907	-.1979	-.2224
55.000	-.2400	-.1172	-.2508	-.1757	-.2001	-.1494	-.1371	-.1286	-.1286
70.000	-.1227	-.1501	-.1836	-.1466	-.1286	-.1286	-.1286	-.1286	-.1286
90.000	-.3944	-.3274	-.0877	-.1774	-.2362	-.1575	-.1854	-.1907	-.1979
120.000	-.2358	-.1462	.1671	.0158	-.2635	-.2351	-.1979	-.1979	-.1979
150.000	-.0868	-.0298	.0784	.1312	-.1821	-.2244	-.2224	-.2224	-.2224

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.8771	-.0269	.6722	.2700	.5550	-.0491	.1795	.1788	.1874	.2172	.2632	.3861	.4765	.4765
20.000	.5789	.2789	.0973	.0146	.1392	-.0268	.0268	.0268	.0268	.1589	.1043	.1043	.2537	.4579	.4579
40.000	.5322	.2062	.2374	-.0058	-.0268	-.1498	-.1498	-.1498	-.1498	-.0764	.0443	.1043	.2537	.4579	.4579
55.000	.1936	.0230	-.2028	.2537	-.1498	-.1498	-.1498	-.1498	-.1498	.4512	-.2852	-.2897	-.3981	-.3981	-.3981
70.000	.1852	.0371	.0622	-.0262	-.1120	-.1120	-.1120	-.1120	-.1120	-.3544	-.2969	-.3042	-.3183	-.3183	-.3183
90.000	.1318	-.0596	-.1215	-.1011	-.1546	-.1914	-.1914	-.1914	-.1914	-.3900	-.2969	-.3042	-.3183	-.3183	-.3183
120.000	-.0820	-.1180	-.1106	-.1831	-.1769	-.1769	-.1769	-.1769	-.1769	-.6141	-.7153	-.6491	-.5886	-.5886	-.5886
150.000	-.1142	-.1247	-.1190	-.1170	-.0265	-.0265	-.0265	-.0265	-.0265	-.7007	-.2296	-.1736	-.2663	-.2663	-.2663
165.000	.4231	-.1327	-.1308	-.1161	-.0792	.1479	.1479	.2042	.2042	-.4630	-.1642	-.1294	-.1228	-.1228	-.1228
180.000	.8771	.4231	-.1327	-.1308	-.1161	-.0792	.1479	.2042	.2042	-.4630	-.1642	-.1294	-.1228	-.1228	-.1228

(RDQA13)

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037
PHI								
.000	.5119	.4647						
40.000	.5861	.5415						
70.000	-.6870	-.5590						
90.000	-.2643	-.1623	-.3705	-.3002	-.2813	-.1866	-.1568	
105.000			-.2164	-.2357	-.2165	-.1729	-.1328	
110.000								-.2581
120.000	-.5009	-.4112	-.1579	-.2334	-.2534	-.1736	-.1956	-.1590
135.000			.2679	-.1623	-.2948	-.2249	-.1984	
150.000	-.3643	-.2290	.1732	.0375	-.2655	-.2410	-.2113	
165.000			.0788	.1454	-.1859	-.2363	-.2420	
180.000	-.0969	-.0401						

STABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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826C9G15M7F8W116E26V8R5X9 RIGHT FUSELAGE

(RQQA14) (03 OCT 75)

REFERENCE DATA

SRF	4.4120	SO.FT.	XMRP	33.9580	INCHES
LRF	19.2300	INCHES	YMRP	.0000	INCHES
BRF	37.9360	INCHES	ZMRP	16.2000	INCHES
SCALE	.0405	SCALE			

ELEVON	=	.000	RUDDER	=	-15.000
BDFLAP	=	-14.250	BETA	=	10.000

BETA (1) = 10.050 ALPHA (1) = -2.970

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

[illegible]

(PQQA!4)

BB26C9G15M7FBW116E26V8R5X9 RIGHT FUSELAGE

BETA (1) = 10.060 ALPHA (2) = .030

SECTION : RIGHT FUSELAGE

DEPENDENT VARIABLE CP

Y/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4939	.5774
PM1															
.000	.3833	.4463	.1713	-.1656	.1713	-.4182	-.1629	-.1279			-.1350	-.1092	-.0931	-.0438	-.0381
20.000			.2552	.1678	-.0365	-.1947	-.2407	-.1866			-.1479				
40.000			.4192	.1768	.0770	-.1173	-.1817	-.2509			-.0927	-.1153	-.1215	-.0612	.0579
55.000			.4577	.3191	.2181	.1388	.0325	-.0099							
70.000			.5146	.3723	.2990	.1874	.1093	.0169			-.1287	.0085	.0247	.0402	
90.000	.8168		.5361	.3910	.3361	.2121	.1519	.0509			-.1467	-.0211	-.0211	.0199	
120.000			.4915	.3804	.3182	.2237	.1806	.1116			-.2195	-.2575	-.1978	-.2212	
150.000			.3428	.2475	.2067	.1045	.2242	-.0152			-.5420	-.2136	-.1603	-.1600	
158.000										-.5173					
165.000				.0984	.0739	.0613	.1462	.4189			-.4934	-.2368	-.2103	-.1963	
180.000	.3833	.8623	.1844					.1754	-.6172						

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (3) = 5.020$$

SECTION () RIGHT FUSELAGE

DEPENDENT VARIABLE CP

XY/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.5581	.2903	.3023	-.0753	.2534	-.3259	-.0859		-.0444		-.0597	-.0362	-.0040	.0816	.1224
20.000			.3863	.2264	.0450	-.1068	-.1373	-.0760		-.0459			.0363	.1261	.2700
40.000			.5316	.2929	.2048	.0500	-.0373	-.0443		-.0058		.0387			
55.000			.5443	.3834	.2973	.1865	.1201	.0326		-.1050					
70.000			.5271	.3792	.3006	.2026	.1203	.0331		-.1229		-.0244	-.0153	-.0225	
90.000	.7432		.4639	.3496	.3018	.2059	.1317	.0451		-.1518		-.0909	-.0718	-.0652	
120.000			.3811	.2561	.2119	.1016	.0668	.0591		-.3851		-.4746	-.5380	-.5380	
150.000			.1857	.0532	.0721	-.0069	.1343	-.1347		-.6538		-.2706	-.2281	-.2330	
168.000									-.6650						
165.000								.3489							
180.000	.5581	.8360	.0631	-.0004	-.0193	-.0216	.1018	.1061	.7753	-.5311	-.2465	-.2100	-.2066		

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION : 110101T ENSET AGE

DEPENDENT VARIABLE CP

	0	1	2	3	4	5	6	7	8	9
0	0000	0001	0002	0003	0004	0005	0006	0007	0008	0009
1	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019
2	0020	0021	0022	0023	0024	0025	0026	0027	0028	0029
3	0030	0031	0032	0033	0034	0035	0036	0037	0038	0039
4	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049
5	0050	0051	0052	0053	0054	0055	0056	0057	0058	0059
6	0060	0061	0062	0063	0064	0065	0066	0067	0068	0069
7	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079
8	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089
9	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099

[illegible]

BETA (1) = 10.050 ALPHA (4) = 10.120

SECTION / UDRIGHT EINSEL AGE

	1970	1971	1972	1973	1974
1. Total population	1670	1473	1124	8700	8470
2. Male population	8470	8700	8470	8470	8470
3. Female population	8470	8470	8470	8470	8470
4. Total population	1670	1473	1124	8700	8470
5. Male population	8470	8700	8470	8470	8470
6. Female population	8470	8470	8470	8470	8470

[illegible]

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAG9)

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(R00A114)

BETA (1) = 10.050 ALPHA (5) = 13.190

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.7687	-.0121	.5184	.1143	.3815	-.2444	.0341	.0661	.0661	.0510	.0974	.1575	.2821	.3504	
40.000			.5882	.3970	.2239	.0332	.0658	.0888	.0888	.1179	.1637	.2215	.3421	.5068	
55.000			.7026	.4745	.3917	.2238	.1894	.1546	.1546	.1500	.1500	.1500	.1500	.1500	
70.000			.5906	.4243	.2959	.1334	.1132	.0236	.0236	.0044	.0044	.0044	.0044	.0044	
90.000		.5164	.5138	.3623	.2986	.1825	.0950	-.0028	-.0193	-.2351	-.1697	-.1843	-.2017	-.2017	
120.000			.2664	.1584	.1347	.0444	-.0028	-.0836	-.0836	-.6842	-.9778	-.1.1057	-.1.1920	-.1.1920	
150.000			.1727	.0727	.0501	-.0955	-.2271	-.0326	-.0326	-.8134	-.3616	-.3340	-.3463	-.3463	
158.000			-.1011	-.1428	-.1602	-.1861	.0503			-.8745					
165.000								.2351							
180.000	.7687	.6237	-.1608	-.1760	-.1675	-.1450	.0194	-.0069	-.9938	-.5558	-.2448	-.2080	-.2312		
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037							

PHI															
40.000	.4176	.3442													
70.000	.4818	.4536													
90.000	-.4507	-.2547													
105.000	-.6730	-.3765	-.0306	.0773	.0034	.0079	-.0847								
110.000			.0811	.1362	-.0544	-.0476	-.0927	-.1836							
120.000	-.3275	-.1981	.3101	.0309	-.2401	-.1600	-.1335	-.1047							
135.000			-.1254	-.5652	-.3658	-.2758	-.2819								
150.000	-.3067	-.1927	-.2934	-.1982	-.0658	-.1497	-.1958								
165.000			-.0968	-.0509	.0044	-.0011	-.2730								
180.000	-.2632	-.2041													

BETA (1) = 10.050 ALPHA (6) = 16.220

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.8127	-.1358	.5886	.1952	.4313	-.2113	.0736	.1092	.1092	.1050	.1541	.2165	.3472	.4317	
40.000			.5631	.4692	.3043	.0885	.1420	.1498	.1498	.1829	.1871	.2535	.3892	.5613	
55.000			.7478	.5053	.4372	.2293	.2187	.1780	.1780	.2071	.2071	.2071	.2071	.2071	
70.000			.5708	.3814	.2338	.0628	.0835	-.0208	-.0208	-.2079	-.1400	-.1441	-.2733	-.2733	
90.000		.3800	.4956	.3574	.2989	.2010	.0909	-.0178	-.0178	-.2665	-.2290	-.2366	-.2433	-.2433	
120.000			.1680	.0838	.0651	-.0176	-.0488	-.0761	-.0761	-.8120	-.1.2222	-.1.3800	-.1.4464	-.1.4464	
150.000			.0394	.0236	-.0145	-.2022	-.3765	-.0225	-.0225	-.8774	-.3937	-.3652	-.3638	-.3638	
158.000			-.2078	-.2581	-.2712	-.2556	.0047			-.9482					
165.000								.2011							
180.000	.8127	.4913	-.2432	-.2398	-.2181	-.1852	-.0028	-.0412	-.1.0762	-.5608	-.2493	-.2137	-.2855		

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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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B26C9G15M7F8M116E26V8R5X9 RIGHT FUSELAGE (RODA14)

BETA (1) = 10.050 ALPHA (6) = 16.220

SECTION (1) RIGHT FUSELAGE		DEPENDENT VARIABLE CP	
X/LB			
.6549	.7324	.7828	.8254 .9835 .9262 .9649 1.0037
PMI			
.000	.4939	.4419	
40.000	.5713	.5561	
70.000	-.7170	-.4879	
90.000	-.7336	-.4030	
105.000			
110.000			
120.000			
135.000			
150.000			
165.000			
180.000			

-.0922 -.0066 -.0578 -.0540 -.0743
 .0643 .1039 -.0597 -.0476 -.0800
 -.3646 -.2426 .3143 .0950 -.2468 -.1605 -.1229
 -.1125 -.6007 -.4179 -.3111 -.2931
 -.2281 -.1944 -.1360 -.1975 -.2250
 -.1195 -.0367 -.0351 -.0760 -.2625
 -.4112 -.3412

-.1794
 -.0931

BE6C9C15M7F8W116E26VE:5X9 RIGHT FUSELAGE

(R00015) (33 OCT 75)

REFERENCE DATA

SREF	-	4.120	SQ.FT.	XPRP	-	33	9580	INCHES
LREF	-	19.2300	INCHES	YPRP	-	0000	INCHES	
BREF	-	37.9360	INCHES	ZPRP	-	16	2000	INCHES
SCALE	-	104.95	SCALE					

ELEVON	=	.00	RUDDER	=	-7.50%
BUFLAP	=	-14.25	BETA	=	-10.00%

PARAMETRIC DATA

BETA (1) =	-10.060	ALPHA (1) =	-2.980
------------	---------	-------------	--------

SECTION () RIGHT? FUSELAGE

DEPENDENT VARIABLE CP

PHI	.0000	.0090	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3790	.4999	.5774
0000	.1985	.4704	.6939	.8244	.9348	.97210	.98298	-.2136	-.2051	-.1719	-.1522	-.1182	-.1559		
20 000			-.0005	-.4068	-.6069	-.73932	-.8228	-.2058	-.1984	-.1255	-.1272	-.0688	.0253		
40 000			.0882	.2455	.3197	.3194	.2637	-.2474	-.3437						
60 000			.1127	.1609	.2001	.2539	.2837	-.3014	-.3828	-.1571	-.0857	-.0259			
80 000			.1433	.1797	.209	.2368	.2635	-.3443	-.4631	-.181	-.1030	-.0530			
00 000	.0326		.2022	.2406	.2777	.3087	.3368	-.3483	-.5233	-.2194	-.1610	-.1197			
20 000			.2823	.3116	.3329	.3485	.3675	-.3332	-.4151	-.2785	-.2577	-.2389			
40 000			.3403	.3543	.3651	.3759	.3821								
60 000															
80 000															
00 000	.1915	.8260	.7001	.3011	.1703	.1330	.0504	-.0963	-.4581	-.1986	.1836	-.1675			

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TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 7.1 (0A59)

PAGE 17

(RDQA15)

BETA (1) = -10.070 ALPHA (2) = .020

SECTION 1: LIRIGHT FUSELAGE

DEPENDENT VARIABLE CP

Y/LB	.0000	.0180	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
000	2898	3972	4558	-1878	1903	-5945	-1570	-1394			-1460	-1207	-11005	-0483	-0556
20 000			0471	3517	5229	-3157	-1276	-1375			-1388				
40 000			1140	2238	1395	-2740	-2201	-2164			-1925	-1210	-11038	-0389	.0600
60 000			1821	1734	1745	-2214	-2294	-2530			-1730				
80 000			2502	1547	1041	-2689	-2476	-2483			-1532	-1591	-0951	-2639	
100 000	0725		3177	2414	1219	-2632	-2700	-3436			-14134	-1752	-1325	-0658	
120 000			3858	1471	1331	-2393	-2345	-3660			-4971	-2815	-1243	-1007	
140 000			4539	0660	1335	-0900	-1775	-5249			-4250	-12499	-12115	-11890	
160 000	.2898	.8490	.2248	1358	.1152	.0851	.2148	-.0978			-.4863	-.2129	-.1916	-.015	

Y/LB .6549 .7324 .7828 .8254 .8335 .9262 .9649 1.0037

PHI

000	-.0818	-.2427													
20 000	-.0882	-.0222													
40 000	-.2125	-.2517													
60 000	-.1493	-.1650													
80 000			-.1967	-.1310	-.1627	-.1442	-.1868	-.2440							
100 000			-.1853	-.1955	-.2645	-.2363	-.2036	-.12372							
120 000															
140 000	-.1771	-.2023													
160 000															
180 000	-.1865	-.1178													
200 000															
220 000	-.1556	-.0797													

BETA (1) = -10.070 ALPHA (2) = 5.020

SECTION 1: LIRIGHT FUSELAGE

DEPENDENT VARIABLE CP

Y/LB	.0000	.0080	.0210	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
000	4616	2473	2234	0513	2870	-4703	-0537	-0683			-.0712	-.0419	-.0075	.0872	.1273
20 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
40 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
60 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
80 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
100 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
120 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
140 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
160 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
180 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
200 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
220 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
240 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
260 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
280 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
300 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
320 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
340 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
360 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
380 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
400 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
420 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
440 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
460 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
480 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
500 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
520 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
540 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
560 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
580 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
600 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
620 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
640 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
660 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
680 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
700 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
720 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
740 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
760 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
780 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
800 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
820 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
840 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
860 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
880 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
900 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
920 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
940 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
960 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
980 000			2473	2870	3356	-2340	-0541	-0670			-.0741				
1000 000			2473	2870	3356	-2340	-0541	-0670			-.0741				

-5202 -.2261 -.1996 -.1913

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TABULATED PRESSURE DATA FOR NRI-AD LSMT TEST 711 (0A69)

PAGE 18

(R0GA15)

B26C9C15M778W115E26V8R5X9 R:GHT FUSELAGE

BETA (1) = -10.070 ALPHA (3) = 5.020

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037

PHI

.000 .1273 -.0272
 40.000 .2946 .3291
 70.000 -.364 - .3356
 90.000 -.1774 -.1879
 105.000
 110.000
 120.000 -.2556 - .2537
 135.000 .1387 -.1559
 150.000 -.1531 -.0308
 165.000 .0254 -.1390
 180.000 -.1815 -.1115

-.2531 -.1978 -.1939 -.1705 -.1777
 -.2022 -.2280 -.2781 -.2154 -.2170
 -.2462
 -.2299

BETA (1) = -10.060 ALPHA (4) = 10.090

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB .0000 .0080 .0230 .0470 .0700 .1124 .1473 .1670 .1860 .2050 .2364 .3023 .3798 .4999 .5774

PHI

.000 .6094 .0435 .4235 .0534 .3833 -.3741 .0480
 20.000 .2411 -.1483 -.2779 -.1684 .0087
 40.000 .2014 -.1666 -.0761 -.2477 -.2435
 55.000 -.1451 -.2059 -.3315 -.3094 -.2579
 70.000 -.1562 -.1743 -.1553 -.1864 -.2146
 90.000 -.1630 -.1556 -.1268 -.1725 -.1949
 120.000 -.1363 -.1253 -.1029 -.1781 -.2093
 150.000 -.1463 -.1710 -.1253 -.1564 -.1173
 158.000
 165.000
 180.000

.0000
 -.0116
 -.2818
 -.3073
 -.2735
 -.2642
 -.3487
 -.6103
 -.7788
 -.0975
 -.0542
 -.8405
 -.2912
 -.0317
 -.2655
 -.2783
 -.2424
 -.1438
 -.1445

X/LB .6094 .6545 .7324 .7828 .8254 .8835 .9262 .9649 1.0037

PHI

.000 .3125 .2027
 40.000 .4425 .4020
 70.000 -.4245 -.3943
 90.000 -.2814 -.2845
 105.000
 110.000
 120.000 -.3422 -.3056
 135.000 .3379 -.1639
 150.000 -.1852 -.1061
 165.000 -.2047 -.1297

-.3381 -.2774 -.2664 -.2053 -.1697
 -.2755 -.2530 -.2862 -.2038 -.1914
 -.2521
 -.2344

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 7:11 (0A69)

PAGE 19

BETA (1) = -10.060 ALPHA (5) = 13.190

826C9G15M7F8W116E26V8R5X9 RIGHT FUSELAGE

(R00A15)

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1850	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.6808	-.0959	.5009	.1286	.4412	-.3152	.0949		.0509		.0389	.0986	.1579	.2886	.3741
20.000		.3001	-.0978	-.2074	-.1218	.0449		.0181			-.0164				
40.000		.2109	-.1322	-.0903	-.3039	-.2959		-.3425			-.3835	-.1966	-.1400	.0455	.3029
55.000		-.1934	-.2797	-.4460	-.3752	-.2989		-.3467			-.5125				
70.000		-.1474	-.1742	-.1503	-.1963	-.2302		-.2809			-.4014	-.3048	-.3214	-.4263	
90.000	-.1481		-.2230	-.1929	-.1543	-.1817	-.2142		-.2644		-.4012	-.2765	-.2446	-.3076	
120.000		-.1752	-.1495	-.1234	-.1847	-.2046		-.3289			-.4678	-.3049	-.1557	-.1740	
150.000		-.1638	-.11974	-.11464	-.11674	-.1149		-.6045			-.5022	-.1160	-.1162	-.1446	
165.000															
180.000	.6808	.5715	-.1537	-.1617	-.1370	-.1204	.0863	-.0731	-.9109		-.5519	-.2354	-.2049	-.2168	

X/LB .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037

PHI

.000	.4100	.3329													
40.000	.5152	.4899													
70.000	-.5086	-.4574													
90.000	-.3886	-.3916	-.4119	-.3280	-.3032	-.2127	-.1745								
105.000			-.3587	-.2983	-.3003	-.2171	-.1968								
110.000								-.2769							
120.000	-.4146	-.3589	-.5119	-.6535	-.4861	-.3507	-.2862	-.2490							
135.000			.4284	-.1302	-.4639	-.3611	-.2548								
150.000	-.1766	-.0962	.0254	-.2977	-.5579	-.3866	-.2519								
165.000			-.1016	-.1401	-.5289	-.4048	-.2627								
180.000	-.2679	-.1927													

BETA (1) = -10.050 ALPHA (6) = 16.220

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1850	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.7389	-.2375	.5664	.1915	.4920	-.2659	.1364		.1058		.0916	.1566	.2169	.3569	.4496
20.000		.3508	-.0509	-.1382	-.0980	.0807		.0378			-.0146				
40.000		.2127	-.1137	-.1316	-.3493	-.3592		-.4601			-.4602	-.2871	-.1736	.3491	.3298
55.000		-.2740	-.3543	-.6007	-.4633	-.3626		-.4123			-.5778				
70.000		-.1668	-.1688	-.1393	-.1823	-.2494		-.3129			-.4325	-.3707	-.3775	.6122	
90.000	-.2648		-.3400	-.2626	-.2110	-.2189	-.2526		-.2922		-.4227	-.3286	-.2964	-.3883	
120.000		-.2479	-.1293	-.1613	-.2055	-.2104		-.3230			-.4876	-.3636	-.1868	-.2025	
150.000		-.2255	-.2163	-.1723	-.1807	-.1146		-.6152			-.5170	-.1790	-.1205	-.1420	
165.000															
180.000	.7389	.4079	-.2430	-.2271	-.1903	-.1601	.0613	-.0939	-.9876		-.5513	-.2414	-.2229	-.2638	

(RDOA15)

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (CA69)

DATE 20 OCT 75

B26C9G15M7F8M116E26V8R5X9 RIGHT FUSELAGE

BETA (1) = -10.050 ALPHA (6) = 15.220

SECTION (1) RIGHT FUSELAGE		DEPENDENT VARIABLE CP			
X/LB		.7828	.8254	.8835	.9262 .9649 1.0037
PHI					
.000	.4925				
40.000	.5712				
70.000	-.5984				
90.000	-.5002	-.5207	-.4446	-.4517	-.2791 -.1904
105.000		-.4953	-.4035	-.3222	-.2359 -.2001
110.000					
120.000	-.4862	-.7089	-.7537	-.5273	-.3831 -.3153
135.000		.4623	-.1588	-.4788	-.3676 -.2531
150.000	-.1479	.6118	-.0752	-.5498	-.4263 -.2665
165.000		-.1356	-.1042	-.5177	-.3931 -.2519
180.000	-.4056	-.3308			

-.2972
-.2458

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A89)

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92639G15M7F8H116E26V8R5X9 RIGHT FUSELAGE

(R00A16) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

BETA (1) = -.010 ALPHA (1) = -2.950

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BOFLAP = -14.250 BETA = .000

SECTION (1) RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.0000	.3512	.6454	.1946	.1620	.2552	.5824	.1609	.1453	.1315	.1034	.0823	.0564	.0712	
20.000				.1778	.1194	.1550	.4052	.2064	.1712	.1266	.0926	.0938	.0505	.0466	
40.000				.2855	.0075	.0122	.2042	.2463	.2232	.1568	.2563				
55.000				.1845	.0652	.0057	.1012	.1953	.2037	.2974					
70.000				.1911	.0907	.0489	.0576	.1282	.2075	.1081	.1042			.0009	
90.000			.5106	.1917	.0558	.0193	.1019	.1439	.2282	.3371	.1236	.0505	.0139		
120.000				.2890	.1948	.1636	.0535	.0062	.1361	.3349	.2229	.0760	.0439		
150.000				.3741	.2436	.2392	.1847	.2229	.1574	.3721	.1198	.0660	.0446		
158.000															
165.000															
180.000															
X/LB	.3512	.9457	.3940	.2963	.2458	.2259	.3835	.4025	.3520	.3595	.0998	.0784	.0428		
PHI	.000	.2813													
40.000		.0994	.1124												
70.000		.1055	.1404												
90.000		.0448	.0262	.0701	.0415	.1006	.0974	.1569							
105.000				.0220	.0605	.1500	.1317	.1426							
110.000															
120.000		.0809	.0900	.0441	.2598	.2659	.1885	.2002							
135.000				.4703	.0303	.2011	.1608	.1594							
150.000		.0063	.0827	.2630	.1185	.1844	.1914	.2018							
165.000				.1931	.2102	.11306	.1895	.2268							
180.000		.0006	.0666												
X/LB	.6549	.7324	.7828	.6254	.8835	.9262	.9649	1.0037							
PHI															
40.000															
70.000															
90.000															
105.000															
110.000															
120.000															
135.000															
150.000															
165.000															
180.000															

PHI .000
 40.000
 70.000
 90.000
 105.000
 110.000
 120.000
 135.000
 150.000
 165.000
 180.000

PHI .000
 40.000
 70.000
 90.000
 105.000
 110.000
 120.000
 135.000
 150.000
 165.000
 180.000

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAB9)

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(R00A16)

B26C9C15H7F8W116E26V8R5X9 RIGHT FUSELAGE

BETA (1) = .000 ALPHA (2) = .050

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.4398	.5680	.2563	-.1133	.2938	-.4650	-.0921	-.0787			-.0710	-.0443	-.0250	.0104	.0178
40.000			.2347	-.0709	-.0931	-.3295	-.1328	-.1017			-.0897			.0230	.1325
55.000			.3195	.0445	.0381	-.1265	-.1455	-.1368			-.0842	-.0267	-.0325		
70.000			.2285	.0977	.0387	-.0552	-.1015	-.1613			-.2512				
90.000		.5118	.2104	.1070	.0547	-.0388	-.0935	-.1700			-.2795	-.1111	-.0504	-.0346	
120.000			.2205	.0787	.0470	-.0594	-.1040	-.1777			-.3136	-.1260	-.0710	-.0428	
150.000			.2586	.1804	.1537	.0500	-.0035	-.1403			-.3377	-.2170	-.0793	-.0638	
180.000			.3171	.2119	.1882	.1419	.1930	-.1922			-.4267	-.1369	-.0770	-.0618	
X/LE			.3210	.2332	.1870	.1764	.3484	.3720			-.3906	-.1169	-.0913	-.0613	

-.5453

X/LE .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037

PHI

40.000	-.0157	-.1857
70.000	.0444	.0040
90.000	-.1770	-.1911
105.000	-.0730	-.0294
110.000		
120.000	-.1365	-.1309
135.000		
150.000	-.0311	.0576
165.000		
180.000	-.0235	.0407

-.2213

-.1785

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.6010	.4142	.3881	.0023	.3726	-.2778	-.0034	.0011			.0138	.0399	.0653	.1289	.1673
40.000			.3524	.0401	-.0245	-.2100	-.0405	-.0210			.0364				
55.000			.4074	.1349	.1137	-.0512	-.0402	-.0617			-.0343	.0310	.0298	.1109	.2546
70.000			.2729	.1583	.0748	-.0322	-.0524	-.1313			-.2742				
90.000			.2108	.1144	.0650	-.0063	-.0690	-.1449			-.2730	-.1375	-.1007	-.0982	
120.000		.4551	.1987	.1124	.0869	-.0051	-.0435	-.1378			-.3008	-.1586	-.1140	-.1086	
150.000			.1950	.1290	.1078	.0160	-.0185	-.1479			-.3711	-.2805	-.1563	-.1568	
180.000			.2008	.1265	.1045	.0661	.1412	-.2610			-.5223	-.1627	-.0965	-.0898	
X/LE			.1856	.1177	.0891	.0898	.2827	.3184			-.4342	-.1369	-.1043	-.0818	

-.6495

(R00A16)

B26C9G15M7F8W116E26V8R5X9 RIGHT FUSELAGE

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8933	.9262	.9549	1.0037
PHI								
.000	.1612	.0069						
40.000	.2886	.1661						
70.000	.2889	.2619						
90.000	.1434	.0555	.1158	.0582	.1107	.0888	.1421	
105.000			.0314	.0709	.1595	.1352	.1368	
110.000								.1997
123.000	.2278	.1931	.0102	.1623	.2261	.1528	.1867	.1655
135.000			.3147	.0709	.2379	.1770	.1640	
150.000	.0732	.0140	.1403	.0262	.2221	.2116	.2029	
165.000			.1093	.1169	.1671	.2170	.2110	
180.000	.0550	.0047						

BETA (1) = .000 ALPHA (4) = 10.100

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.7433	.2242	.5214	.1285	.4545	.1849	.0846		.0788		.0892	.1181	.1538	.2465	.3104
20.000			.4640	.1567	.0296	.1052	.0426		.0543		.0753	.0506	.0698	.1848	.3414
40.000			.4483	.1823	.1630	.0360	.0122		.0343		.0302				
55.000			.2659	.1449	.0151	.0804	.0866		.1567		.3184				
70.000			.1940	.0827	.0566	.0249	.0786		.1564		.2967	.1881	.1686	.1784	
90.000		.3352	.0900	.0471	.0384	.0239	.0788		.1514		.3276	.2142	.1888	.2029	
120.000			.0900	.0377	.0274	.0509	.0650		.1509		.4439	.4372	.3365	.3506	
150.000			.0657	.0198	.0094	.0163	.0691		.3285		.6065	.1911	.1217	.1261	
162.000															
165.000															
180.000	.7433	.7460	.0420	.0006	.0069	.0083	.2204	.2670	.7249		.4611	.1505	.1147	.1014	
X/LB	.6549	.7324	.7828	.8254	.8935	.9262	.9549	1.0037							
PHI															
.000	.3258	.2136													
40.000	.3975	.3253													
70.000	.4103	.3559													
90.000	.2191	.0847	.1706	.0983	.1340	.1034	.1290								
105.000			.0660	.0956	.1720	.1347	.1272								
110.000															
120.000	.3199	.2571	.0299	.1486	.2320	.1552	.1794	.1934							
135.000			.2410	.1066	.2422	.1891	.1724	.1555							
150.000	.1395	.0603	.1631	.0373	.2891	.2550	.1866								
165.000			.0790	.1184	.2318	.2222	.2034								
180.000	.0768	.0204													

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE 27 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 24

(R00A16)

BETA (1) = .000 ALPHA (5) = 13.220

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.0976	.6005	.1998	.5076	-.1152	.323		.1299		.1384	.1680	.2088	.3185	.3975
20.000		.5253	.2140	.0672	-.0539	-.900		.0999			.1172				
40.000		.4349	.1936	.1993	-.0075	-.0122		-.0361			-.0442	.0524	.0943	.2233	.4012
55.000		.2377	.0975	-.0589	-.1446	-.1127		-.1943			-.3775				
70.000		.1934	.0682	.0594	-.0188	-.0919		-.1740			-.3238	-.2315	-.2252	-.2548	
90.000		-.0011	-.0433	-.0311	-.0727	-.1297		-.1822			-.3588	-.2520	-.2446	-.2624	
120.000		.0022	-.0381	-.0471	-.1133	-.1127		-.1626			-.5181	-.5592	-.4837	-.4769	
150.000		-.0199	-.0498	-.0555	-.0657	.0575		-.3671			-.6561	-.2083	-.1413	-.1713	
165.000															
180.000	.8184	.5926	-.0459	-.0652	-.0638	-.0363	.1835	.2334	-.8003		-.4740	-.1565	-.1202	-.1141	
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037							

PHI

40.000

5002

70.000

-5314

-4556

-2400

-1172

-2546

-1269

-1804

-1552

-2003

-1518

-1387

-1336

-2105

-1508

-1886

-1875

-1989

-2241

-2338

-2241

-2241

-2241

-2241

-2241

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-2241

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.8771	-.0269	.6722	.2700	.5550	-.0491	.1795		.1788		.1874	.2172	.2632	.3861	.4765
20.000		.5789	.2789	.0973	-.0146	.1392		.1484			.1589				
40.000		.5322	.2052	.2274	-.0058	-.0268		-.0577			-.0764	.0443	.1095	.2537	.4579
55.000		.1996	.0230	-.2028	-.2537	-.1498		-.2458			-.4512				
70.000		.1852	.0971	.0622	-.0262	-.1120		-.1788			-.3544	-.2852	-.2897	-.3981	
90.000	.1318	-.0696	.1215	-.1011	-.1546	-.1914		-.2183			-.3900	-.2969	-.3042	-.3183	
120.000		-.0820	-.1180	-.1106	-.1831	-.1769		-.1842			-.6141	-.7153	-.6491	-.5886	
150.000		-.1142	-.1247	-.1190	-.1170	.0265		-.4082			-.7007	-.2296	-.1736	-.2663	
165.000															
180.000	.8771	.4231	-.1327	-.1308	-.1161	-.0792	.1479	.2042	-.8689		-.4630	-.1642	-.1294	-.1228	

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 25

(R0QA16)

BETA (1) = .000 ALPHA (6) = 16.240

82EC90:5M7F8W116E26VBR5X9 RIGHT FUSELAGE

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037

PHI

.000	.5119	.4647					
40.000	.5861	.5415					
70.000	-.6870	-.5593					
90.000	-.2643	-.1623	-.3780	-.3026	-.2849	-.1791	-.1597
105.000			-.2247	-.2388	-.2234	-.1651	-.1417
110.000							-.2447
120.000	-.5009	-.4112	-.1525	-.2382	-.2608	-.1699	-.1985
135.000			-.2664	-.1021	-.3289	-.2233	-.1977
150.000	-.3643	-.2290	-.1726	-.0352	-.2700	-.2452	-.2083
165.000			.0800	.1431	-.2132	-.2361	-.2413
180.000	-.0969	-.0401					

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 26

(ROQA17) (03 OCT 75)

REFERENCE DATA

SREF	•	4.4-20	50.FT.	•	XMPR	•	33.9580	INCHES
LREF	•	19.2300	INCHES	•	YMPR	•	.0000	INCHES
BREF	•	37.9360	INCHES	•	ZMPR	•	16.2000	INCHES
SCALE	•		.0-05	SCALE				

BEYA (1) = 10.050 ALPHA (1) = -2.970

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PMI															
.000	.2888	.5143	.1025	-.2226	.1214	-.5318	-.2275	-.1398	-.1975	-.1623	-.1455	-.1063	-.1121		
20.000			.1927	.1355	-.0828	-.2617	-.3284	-.2644	-.2291	-.2897	-.2248	-.2373	-.1864		
40.000			.3531	.1274	.0184	-.2135	-.2958	-.3195	-.3048	-.1192	-.1452				
55.000			.4150	.2357	.1767	.0925	-.0431	-.0850	-.0111	-.1495	-.0027	.0414	.0752		
70.000			.5080	.3635	.2833	.1675	.0850	.0339	-.1602	.1602	.0128	.0187	.0365		
90.000		.8273	.5479	.3919	.3224	.1872	.0935	.1242	.1729	-.1729	-.0830	-.0840			
120.000			.5524	.4746	.3933	.2690	.2310	.1242	-.4807	-.1628	-.1263	-.1180			
150.000			.4641	.3273	.2790	.1689	.2732		-.4339						
185.000															
200.000	.2888	.8441	.2493	.1513	.1285	.1076	.1735	.4605	.5248	-.4723	-.2303	-.2069	-.1842		
X/LB	.6549	.7324	7829	.9254	.6835	.9262	.9649	1.0037							

P41			
100	-.1531	-.3190	
40,000	-.4955	-.4425	
70,000	-.0305	-.0358	
90,000	-.0791	-.0059	
105,000			
110,000	-.0157	.0022	
120,000			
135,000	-.0757	.0144	
150,000			
165,000			
180,000	-.1500	-.0986	

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 7:11 (0A69)

PAGE 27

(R00A17)

BETA (1) = 10.060 ALPHA (2) = .030

SECTION (1) RIGHT FUSELAGE

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2354	.3023	.3798	.4999	.5774
PHI															
20.000	.3933	.4463	.1713	-.1656	.1713	-.4182	-.1629	-.1279			-.1350	-.1092	-.0931	-.0438	-.0381
40.000			.2552	.1678	-.0366	-.1947	-.2407	-.1856			-.1479				
55.000			.4192	.1768	.0770	-.1173	-.1817	-.2209			-.1726				
70.000			.4577	.3191	.2181	.1389	.0325	-.0399			-.0927	-.1153	-.1215	-.0612	.0579
90.000			.5146	.3723	.2990	.1874	.1093	.0169			-.1287	.0085	.0247	.0402	
120.000		.8168	.5361	.3910	.3361	.2121	.1519	.0509			-.1467	-.0263	-.0211	.0199	
150.000			.4915	.3604	.3182	.2237	.1806	.1116			-.2195	-.2575	-.1978	-.2212	
165.000			.3428	.2476	.2067	.1045	.2242	-.0152			-.5420	-.2136	-.1603	-.1600	
180.000	.3833	.8623	.1844	.0984	.0739	.0613	.1462	.4189							
X/LB	.6549	.7324	.7828	.8254	.8825	.9262	.9649	1.0037			-.4934	-.2358	-.2103	-.1963	

PHI

20.000
40.000
55.000
70.000
90.000
105.000
110.000
120.000
135.000
150.000
165.000
180.000

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2354	.3023	.3798	.4999	.5774
PHI															
20.000	.5581	.2903	.3023	-.0753	.2534	-.3259	-.0859	-.0444			-.0597	-.0362	-.0040	.0816	.1224
40.000			.3863	.2284	.0450	-.1068	-.1373	-.0760			-.0459				
55.000			.5316	.2929	.2048	.0500	-.0373	-.0443			-.0058	.0387	.0363	.1261	.2700
70.000			.5443	.3732	.2873	.1855	.1201	.0326			-.1050				
90.000			.5271	.3732	.3005	.2026	.1203	.0331			-.1229	-.0244	-.0153	-.0225	
120.000		.7432	.4539	.3435	.3018	.2059	.1317	.0451			-.1576	-.0909	-.0718	-.0652	
150.000			.3811	.2561	.2119	.1016	.0668	.0691			-.3851	-.4591	-.4746	-.5380	
165.000			.1857	.0932	.0721	-.0059	.1343	-.1347			-.6538	-.2705	-.2281	-.2330	
180.000	.5581	.8360	.0631	-.0004	-.0193	-.0216	.1018	.3489							
X/LB								.1061			-.5311	-.2465	-.2100	-.2066	

(R09A17)

BETA (1) = 10.750 ALPHA (3) = 5.020

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037
PHI								
.000	.1472	-.0034						
40.000	.1314	.1056						
70.000	-.2028	-.1347						
90.000	-.3407	-.1613	.0260	.1105	.0137	-.0022	-.1006	
105.000			.1272	.1475	-.0503	-.0495	-.1063	
110.000								-.2011
120.000	-.793	-.1028	.3497	.1095	-.1427	-.0852	-.1332	-.1421
135.000			.0938	-.3622	-.2701	-.1944	-.2206	
150.000	-.2084	-.1075	-.2884	-.0980	.0053	-.0741	-.2029	
165.000			-.0290	.1770	.0212	-.0355	-.2684	
180.000	-.1626	-.1388						

BETA (1) = 0.050 ALPHA (4) = 0.120

SECTION 101, RIGHT OF WAY

DEPENDENT VARIABLE CP

X/LE	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
241															
.000			.4439	.0403	.3346	-.2752	-.0057	.0237			.0092	.0434	.0956	.2117	.2755
20.000	.7041	.1085	.5105	.3293	.1527	-.0217	.0111	.0263			.0566				
40.000			.4041	.4155	.3346	.1779	.1227	.1004			.1227	.1699	.1695	.2759	.4324
55.000			.5929	.4456	.3249	.1676	.1271	.0482			-.1469				
70.000			.5182	.3493	.2893	.1754	.1070	.0175			-.1467	-.0659	-.0593	-.0306	
90.000	.6244		.3461	.2310	.1997	.1271	.0439	-.0046			-.2055	-.1600	-.1537	-.1526	
120.000			.2388	.1374	.1023	-.0203	-.0380	-.0075			-.5286	.7799	.8385	.9415	
150.000			.0976	-.0680	-.0877	-.1016	.0879	-.2423			-.7542	-.3210	-.2852	-.3178	
165.000									-.7958						
180.000	.7344	-.0767		-.1116	-.1132	-.0946	.0676	.2864			-.5504	-.2450	-.2044	-.2053	
	.7041							.0382							

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DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (JA69)

PAGE 29

B26C9G15M7F8H116E26V8R5X9 RIGHT FUSELAGE

(R02A17)

BETA (1) = 10.050 ALPHA (5) = 13.190

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2334	.3023	.3798	.4999	.5774
PHI	.000	.7687	-.0121	.5194	.1143	.3815	-.2444	.0341	.0661	.0510	.0974	.1575	.2821	.3604	
20.000				.5882	.3970	.2239	.0332	.0658	.0888	.1179	.1637	.2215	.2312	.3421	.5068
40.000				.7026	.4745	.3917	.2238	.1894	.1546	.1500					
55.000				.5906	.4243	.2959	.1334	.1132	.0236	-.1623	-.0997	-.0945	-.1256		
70.000				.5138	.3623	.2986	.1825	.0950	.0044	-.2351	-.1697	-.1843	-.2017		
90.000		.5164		.2664	.1584	.1347	.0444	-.0028	-.0193	-.6842	-.9778	-1.1057	-1.1920		
120.000				.1727	.0727	.0501	-.0955	-.2271	-.0836	-.8134	-.3616	-.3340	-.3463		
150.000				-.1011	-.1428	-.1602	-.1661	.0503	-.3026						
158.000										-.8745					
165.000															
180.000		.7687	.6297	-.1608	-.1760	-.1675	-.1450	.094	-.2361	-.5553	-.2448	-.2080	-.2312		
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037							

PHI

.000	.4176	.3442													
40.000	.4818	.4536													
70.000	-.4507	-.2547													
90.000	-.6730	-.3765													
105.000			-.0313	.0730	.1329	.0079	.0072	-.0875							
110.000			.0796	.1329	.0587	-.0456	-.0982								
120.000	-.3275	-.1981	.3091	.0844	-.2487	-.1660	-.1378	-.1788							
135.000			-.1232	-.5763	-.3865	-.2678	-.2790	-.1109							
150.000	-.3067	-.1927	-.2246	-.2066	-.0856	-.1610	-.2084								
165.000			-.1109	-.0523	-.0165	-.0151	-.2652								
180.000	-.2632	-.2041													

BETA (1) = 10.050 ALPHA (6) = 16.220

SECTION (1) RIGHT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.8127	-.1358	.5895	.1952	.4313	-.2113	.0736	.1092	.1050	.1541	.2165	.3472	.4317	
20.000				.6631	.4692	.3043	.0893	.1420	.1498	.1829	.1871	.2535	.2748	.3892	.5613
40.000				.7478	.5253	.4372	.2233	.2187	.1780	.1871					
55.000				.5708	.3814	.2338	.0628	.0835	-.0208	-.2071					
70.000				.4956	.3574	.2689	.2010	.0809	-.0178	-.2079	-.1400	-.1441	-.2733		
90.000		.3800		.1680	.0838	.0651	-.0176	-.0488	-.0761	-.2695	-.2290	-.2366	-.2439		
120.000				.0394	.0235	-.0145	-.2022	-.3755	-.2025	-.8120	-1.2222	-1.3800	-1.4464		
150.000				-.2078	-.2581	-.2712	-.2555	.0047	-.3739	-.8774	-.3937	-.3652	-.3638		
158.000															
165.000															
180.000	.8127	.4913	-.2432	-.2388	-.2181	-.1852	-.0028	-.0412	-.0762	-.5608	-.2493	-.2137	-.2855		

-.9482

.2011

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

(R00A17)

826C9015M7F8W116E25V8R5X9 RIGHT FUSELAGE

BETA (1) = 10.050 ALPHA (6) = 10.220

SECTION (1) RIGHT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037
PHI								
000	.4339	.4419						
40.000	.5713	.5561						
70.000	-.7170	-.4879						
90.000	-.7336	-.4030	-.0933	-.0088	-.0620	-.0547	-.0773	
105.000			.0652	.1017	-.0697	-.0455	-.0850	
110.000								-.1706
120.000	-.3646	-.2426	.3155	.0919	-.2514	-.1656	-.1275	-.0967
135.000			-.1164	-.5960	-.4315	-.3201	-.2915	
150.000	-.3183	-.2092	-.2371	-.1987	-.1173	-.1978	-.2165	
165.000			-.1242	-.0402	-.0487	-.0900	-.2546	
180.000	-.4112	-.3412						

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 31

B26C9G15W7FBH116E26V8R5X9 LEFT FUSELAGE

(R00803) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. WARP = 33.9580 INCHES
 -REF = 19.2300 INCHES WARP = 33.9580 INCHES
 BREF = 37.2362 INCHES WARP = 16.2300 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

BETA (1) = -10.060 ALPHA (1) = -2.580

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE (2)

X/LB	.0000	.0080	.0200	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	300	2888	5147	1025	-2226	-1214	-5318	-2275	-1998	-1975	-1623	-1455	-1063	-1121	
20.000	1937	1255	-1255	-1255	-1255	-1255	-1255	-1255	-1255	-1255	-1255	-1255	-1255	-1255	
40.000	3531	1274	1274	1274	1274	1274	1274	1274	1274	1274	1274	1274	1274	1274	
55.000	4150	2557	1767	1767	1767	1767	1767	1767	1767	1767	1767	1767	1767	1767	
70.000	5083	3625	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	
90.000	5773	4319	3224	3224	3224	3224	3224	3224	3224	3224	3224	3224	3224	3224	
120.000	5574	4345	3533	3533	3533	3533	3533	3533	3533	3533	3533	3533	3533	3533	
150.000	4241	3273	2730	2730	2730	2730	2730	2730	2730	2730	2730	2730	2730	2730	
165.000															
180.000	2888	8441	2493	1518	1285	1076	1735	1735	1735	1735	1735	1735	1735	1735	
X/LB	.6549	.7324	.7028	.6254	.8635	.9262	.9549	.9549	1.0037	1.0430					

PHI

40.000	-1531	-3180	-4045	-4044	-4117	-2833	-3561								
70.000	-4055	-4495	-4495	-4495	-4297	-3403	-3565								
90.000	-4055	-4358	-4059	-4243	0109	0623	0895								
105.000	-40791	0059	12678	11610	0015	0123	0670								
110.000		11343	11369	11369	0442	0059	1165								
120.000	-0157	0022	3263	1187	0440	0735	1290								
130.000			11494	0187	1171	0937	1487								
140.000	-0757	0154	11503	0362	0170	0163	11823								
165.000			10557	2113	1757	0950	1058								
180.000	-11500	-0986	10590												

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 32

B26C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE

(R00E03)

BETA (1) = -10.070 ALPHA (2) = .020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.3833	.4463	.1713	-.1656	.1713	-.4182	-.1629	-.1279	-.1866	-.1350	-.1092	-.0931	-.0438	-.0381	
40.000			.2552	.1678	-.0356	-.1947	-.2407	-.1866	-.1479	-.1479	-.1153	-.1215	-.0612	.0579	
55.000			.4192	.1768	.0770	-.1173	-.1817	-.2209	-.1726	-.0927					
70.000			.4577	.3191	.2181	.1398	.0325	-.0099	-.0099	-.1287	.0085	.0247	.0402		
90.000		.8168	.5146	.3723	.2990	.1974	.1093	.0169	.0169	-.1467	-.0263	-.0211	.0199		
120.000			.5361	.3310	.3361	.2121	.1519	.0509	-.2195	-.2195	-.2575	-.1978	-.2212		
150.000			.4915	.3804	.3182	.2237	.1806	.1116	-.5420	-.5420	-.2136	-.1603	-.1600		
158.000			.3428	.2476	.2067	.1045	.2242	-.0152	-.5173	-.5173					
165.000								.4189							
180.000	.3833	.9623	.1844	.0984	.0739	.0613	.1462	.1754	-.6172	-.4934	-.2368	-.2103	-.1963		

X/LB .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037 1.0430

PHI

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
20.000	-.0456	-.2091	-.3453	-.3468	-.3512	-.2826	-.3793	-.2415	-.2115						
40.000	-.1946	-.2391	-.3445	-.3412	-.3493	-.3279	-.3493								
55.000	-.0957	-.0748	-.0314	.1195	.0184	-.0548	-.0711								
70.000	-.1617	-.0520	.0481	.1580	-.0027	-.0081	-.0583								
90.000			.1195	.1091	-.0353	-.0660	-.1101								
105.000								-.2087							
110.000								-.1712							
120.000	-.0727	-.0379	.3477	.1119	-.0832	-.0948	-.1456								
135.000			.0362	-.1174	-.1903	-.1499	-.1801								
150.000	-.1254	-.0307	.1060	-.0916	-.0093	-.0359	-.1962								
165.000			-.0441	.1873	.1568	-.1135	-.1236								
180.000	-.1676	-.1187	-.0144												

BETA (1) = -10.070 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.5581	.2903	.3023	-.0753	.2534	-.3259	-.0859	-.0444	-.0444	-.0597	-.0362	-.0040	.0616	.1224	
40.000			.3863	.2264	.0450	-.1068	-.1373	-.0760	-.0459	-.0459					
55.000			.5316	.2929	.2048	.0500	-.0373	-.0443	-.0058	-.0058	.0387	.0363	.1261	.2700	
70.000			.5443	.3834	.2973	.1865	.1201	.0326	-.1050	-.1050					
90.000		.7432	.5271	.3792	.3006	.2026	.1203	.0331	-.1229	-.1229	-.0244	-.0153	-.0225		
120.000			.4639	.3496	.3018	.2059	.1317	.0451	-.1576	-.1576	-.0909	-.0718	-.0652		
150.000			.3811	.2561	.2119	.1015	.0668	.0691	-.3851	-.3851	-.4591	-.4746	-.5360		
158.000			.1857	.0932	.0721	-.0063	.1343	-.1347	-.6538	-.6538	-.2706	-.2281	-.2330		
165.000									-.6650	-.6650					
180.000	.5581	.8360	.0631	-.0004	-.0193	-.0216	.1018	.1061	-.7753	-.5311	-.2465	-.2100	-.2066		

(R00B03)

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)
826C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = -10.070 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
40.000	.1472	-.0034	-.2089	-.2112	-.2099	-.2484	-.3752		-.2675
70.000	.1314	.1056	-.1770	-.1792	-.1785	-.2905	-.3198		-.1250
90.000	-.2028	-.1347	-.0675	.1125	.0253	-.0385	-.0483		
105.000	-.3407	-.1613	.0170	.1555	.0020	.0074	-.0449		
110.000		.0973	.1227	-.0201	-.0564	-.1039			
120.000								-.1954	
135.000	-.1793	-.1028	.3462	.0950	-.1366	-.1475	-.1902	-.1897	
150.000	-.2084	-.1075	-.2011	-.3387	-.3401	-.2704	-.2436		
165.000			.0211	-.1820	-.0400	-.0685	-.2018		
180.000	-.1826	-.1398	-.1014	.1471	.1276	-.1023	-.1399		

BETA (1) = -10.060 ALPHA (4) = 10.090

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
40.000	.7041	.1085	.4439	.0403	.3346	-.2752	-.0057	.0237	.0263	.0092	.0034	.0956	.2117	.2755	
70.000			.5105	.3293	.1527	-.0217	.0111	.0263	.0566	.1227	.1699	.1695	.2759	.4324	
90.000			.6441	.4155	.3346	.1779	.1227	.1004	.1227	-.1469					
105.000			.5929	.4346	.3249	.1676	.1271	.0482	.0482	-.1467					
120.000		.6244	.5182	.3483	.2893	.1754	.1070	.0175	-.2055	-.0659	-.0659	-.0593	-.0906	-.1526	
135.000			.3461	.2310	.1997	.1271	.0438	-.0046	-.1600	-.1537	-.1600	-.8365	-.9415		
150.000			.2398	.1374	.1023	-.0203	-.0980	-.0075	-.5286	-.7799	-.7799	-.2852	-.3178		
165.000			.0076	-.0680	-.0877	-.1016	.0879	-.2423	-.7542	-.3210					
180.000															

BETA (1) = -10.060 ALPHA (4) = 10.090

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.7041	.7344	-.0767	-.1116	-.1132	-.0946	.0676	.0382	-.9152	-.5504	-.2450	-.2044	-.2053
PHI													
40.000	.3257	.2181	.0208	.0202	.0091	-.1442	-.3066		-.1991				
70.000	.3746	.3354	.0578	.0554	.0554	-.1771	-.2634		-.0836				
90.000	-.3239	-.1971	-.1028	.1077	.0023	-.0203	-.0265						
105.000	-.15514	-.3007	-.0093	.1563	.0064	.0235	-.0314						
120.000			.0730	.1395	-.0111	-.0442	-.0959						
135.000	-.2792	-.1670	.3321	.1005	-.1636	-.1812	-.2132						
150.000	-.2812	-.1740	.4567	.5763	-.5045	-.3971	-.3182						
165.000			-.0542	-.2672	-.0624	-.0936	-.2189						
180.000	-.2031	-.1531	-.0848	.0705	.0764	-.1256	-.1441						

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (OAB9)

PAGE 34

(R00803)

826C9G15M7F8N116E26V8RSX9 LEFT FUSELAGE

BETA (1) = -10.060 ALPHA (5) = 13.190

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.7687	-.0121	.5184	.1143	.3815	-.2444	.0341	.0661	.0510	.0974	.1575	.2821	.3604	
20.000				.5882	.3970	.2239	.0332	.0658	.0888	.1179	.1637	.2215	.3421	.5058	
40.000				.7026	.4745	.3317	.2238	.1894	.1546	.1500	.0997	-.0945	-.1256		
55.000				.5906	.4243	.2959	.1334	.1132	.0236	-.1623	-.2351	-.1697	-.1843	-.2017	
70.000				.5138	.3623	.2986	.1825	.0950	.0044	-.2351	-.9778	-1.1057	-1.1920		
90.000			.5164	.2664	.1584	.1347	.0444	-.0028	-.0836	-.6842	-.3616	-.3340	-.3463		
120.000			.1727	.0727	.0501	.0955	-.2271	-.3026							
150.000			-.1011	-.1428	-.1602	-.1861	.0503								
158.000								.2361							
165.000								-.0069							
180.000			.7687	-.6297	-.1608	-.1760	-.1450	.0194	-.9938	-.5558	-.2448	-.2080	-.2312		

X/LB

PHI

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
40.000	.4176	.3442	.1765	.1737	.1730	-.0462	-.2323		
70.000	.4818	.4536	.2198	.2170	.2163	-.0406	-.1715		
90.000	-.4507	-.2547	-.1419	.0872	.0224	-.0180	-.0150		
105.000	-.6730	-.3765	.0323	.1479	.0020	.0278	-.0230		
110.000			.0540	.1306	-.0171	-.0426	-.0895		
120.000							-.1750		
135.000							-.2198		
150.000									
165.000									
180.000									

BETA (1) = -10.050 ALPHA (6) = 16.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.8127	-.1358	.5886	.1952	.4313	-.2113	.0736	.1092	.1050	.1541	.2165	.3472	.4317	
20.000				.6631	.4532	.3043	.0885	.1420	.1498	.1829	.2535	.2748	.3892	.5613	
40.000				.7478	.5053	.4372	.2293	.2187	.1780	.1871	.2071	-.0209			
55.000				.5708	.3314	.2338	.0628	.0835	-.0178	-.2079	-.1400	-.1441	-.2733		
70.000				.4925	.3574	.2099	.2010	.0909	-.0761	-.2685	-.2290	-.2366	-.2439		
90.000			.3800	.1650	.0638	.0651	-.0176	-.0488	-.0761	-.8120	-1.2222	-1.3800	-1.4464		
120.000			.0394	.0236	-.0145	-.2022	-.3765	-.2025	-.3588	-.8774	-.3937	-.3652	-.3638		
150.000			-.2078	-.2581	-.2712	-.2556	.0047								
158.000								.2011							
165.000								-.0412							
180.000		.8127	.4913	-.2432	-.2388	-.2181	-.1852	-.0028	-1.0762	-.5608	-.2493	-.2137	-.2855		

-.9482

DATE 20 OCT 75

PAGE 35

(R00803)

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A59)
B26C3G15M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = -10.050 ALPHA (6) = 16.220

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP								
Y/LB		.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PWT										
40.000	.4939	.4419	.3114	.3105	.3082	.3061	.3050	.3039	.3030	.3025
50.000	.5713	.5561	.3655	.3652	.3617	.3599	.3590	.3572	.3575	.3575
70.000	.7170	.4879	.2746	.0091	.0449	.0572	.0175	.0194	.0081	.0081
90.000	.7336	.4030	.0837	.1051	.0239	.0194	.0081	.0711		
105.000			.0343	.0869	.0401	.0437	.0711			
110.000									-.1590	
120.000	-.3646	-.2426	.3287	.0826	.1775	.1882	.2067		-.2062	
135.000			.5660	.7520	.6462	.5180	.3850			
150.000	-.3183	-.2092	.0803	.3252	.1288	.1401	.2380			
165.000			.1492	.0602	.0134	.1135	.1146			
180.000	-.4112	-.3412	.1672							

B26C9G15M7F8W116E26V8R3X9 LEFT FUSELAGE

(RJQB04) (03 OCT 75)

REFERENCE DATA

	SREF		4.120	50. FT.	XMRP		33.9580	INCHES
	LREF		19.2300 <td>INCHES</td> <td>YMRP</td> <td></td> <td>.0000 <td>INCHES</td> </td>	INCHES	YMRP		.0000 <td>INCHES</td>	INCHES
	BREF		37.9350 <td>INCHES</td> <td>ZMRP</td> <td></td> <td>16.2000 <td>INCHES</td> </td>	INCHES	ZMRP		16.2000 <td>INCHES</td>	INCHES
	SCALE		.0405 <td>SCALE</td> <td></td> <td></td> <td></td> <td></td>	SCALE				

ELEVON	=	.000	RUDDER	=	.000
BDFLAP	=	-14.250	BETA	=	.000

$$\text{BETA}(1) = -.010 \quad \text{ALPHA}(1) = -2.950$$

SECTION 11 LEFT FUSELAGE

DEPENDENT VARIABLE CP

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774																																																																																					

[illegible][illegible]

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

B26C9315M7F8W116E26V8R5Y9 LEFT FUSELAGE

(R00804)

BETA (1) = .000 ALPHA (2) = .050

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.5680	.2563	-.1133	.2938	-.4650	-.0921	-.0787	-.0710	-.0443	-.0250	.0104	.0178	.1325	.1325
20.000	.2347	-.0709	-.0981	-.0981	-.0981	-.3295	-.1328	-.1017	-.0697	-.0842	-.0325	.0230	.0230	.0230	.0230
40.000	.3196	.0445	.0381	.0381	.0381	-.1265	-.1455	-.1613	-.2512	-.1111	-.0604	-.0346	-.0346	-.0346	-.0346
55.000	.2285	.0977	.0977	.0977	.0977	-.0552	-.1015	-.1700	-.2795	-.3136	-.1260	-.0710	-.0428	-.0428	-.0428
70.000	.2104	.1070	.1070	.1070	.1070	-.0388	-.0935	-.1777	-.3377	-.2170	-.0793	-.0638	-.0638	-.0638	-.0638
90.000	.2206	.0787	.0787	.0787	.0787	-.0594	-.1040	-.1403	-.4267	-.1369	-.0770	-.0618	-.0618	-.0618	-.0618
120.000	.2585	.1804	.1804	.1804	.1804	-.0500	-.0035	-.1403	-.5453	-.3906	-.0913	-.0613	-.0613	-.0613	-.0613
150.000	.3171	.2119	.2119	.2119	.2119	.1419	.1930	.3720	-.4364	-.3906	-.0913	-.0613	-.0613	-.0613	-.0613
165.000	.3210	.2332	.2332	.2332	.2332	.1764	.3484	.3714	-.4364	-.3906	-.0913	-.0613	-.0613	-.0613	-.0613
180.000	.7828	.8254	.8254	.8254	.8254	.9262	.9649	1.0037	1.0430	1.0430	1.0430	1.0430	1.0430	1.0430	1.0430

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.4142	.3881	.0023	.3726	-.2778	-.0034	.0011	.0011	.0011	.0138	.0399	.0653	.1289	.1673
20.000	.3524	.0401	.0401	.0401	.0401	-.2100	-.0405	-.0210	-.0210	-.0210	.0064	.0310	.0298	.1109	.2546
40.000	.4074	.1349	.1349	.1349	.1349	-.0512	-.0402	-.0617	-.0617	-.0617	-.0343	.0310	.0298	.1109	.2546
55.000	.2729	.1593	.1593	.1593	.1593	-.0322	-.0624	-.1313	-.1313	-.1313	-.2742	-.1375	-.1007	-.0992	-.0992
70.000	.2108	.1144	.1144	.1144	.1144	-.0063	-.0650	-.1448	-.1448	-.1448	-.2730	-.1375	-.1007	-.0992	-.0992
90.000	.1937	.1124	.1124	.1124	.1124	-.0051	-.0435	-.1378	-.1378	-.1378	-.3008	-.1588	-.1140	-.1086	-.1086
120.000	.1950	.1230	.1230	.1230	.1230	.0160	-.0185	-.1479	-.1479	-.1479	-.3711	-.2805	-.1563	-.1568	-.1568
150.000	.2008	.1266	.1266	.1266	.1266	.0661	.1412	-.2610	-.2610	-.2610	-.5223	-.1627	-.0965	-.0888	-.0888
165.000	.1956	.1177	.1177	.1177	.1177	.0898	.2827	.3184	.3184	.3184	-.4342	-.1369	-.1043	-.0818	-.0818
180.000	.6010	.9127	.1956	.1177	.0891	.0898	.2827	.2965	-.5883	-.5883	-.4342	-.1369	-.1043	-.0818	-.0818

REPRODUCIBILITY OF THE ORIGINAL PAGE IS POOR

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

(R00804)

B26C9G15M7FBW116E26VBR5X9 LEFT FUSELAGE

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI	.000	.0009	-.1791	-.1820	-.1826	-.2072	-.3244		
40.000	.1612	.1651	-.2005	-.2040	-.2040	-.2707	-.3082	-.1561	
70.000	-.2889	-.2619	-.2037	-.0150	-.0826	-.1217	-.0844	-.1159	
90.000	-.1434	-.0555	-.1166	-.0039	-.1208	-.0786	-.1009		
105.000		-.0863	-.0965	-.1753	-.1513	-.1423			
110.000						-.2046			
120.000	-.2278	-.1931	-.0610	-.1193	-.1829	-.1741	-.1819	-.1698	
135.000			.3081	-.0573	-.2149	-.1901	-.1809		
150.000	-.0732	.0140	.1635	.0070	-.2517	-.2087	-.2242		
165.000			.1033	.1156	-.1344	-.2716	-.2787		
180.000	-.0550	.0047	.0827						

BETA (1) = .000 ALPHA (4) = 10.100

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.7433	.2242	.5214	.1285	.4545	-.1849	.0846	.0788		.0892	.1181	.1538	.2465	.3104
20.000			.4640	.1557	.0296	.1052	.0426		.0543		.0753	.0506	.0698	.1848	.3414
40.000			.4483	.1823	.1500	-.0360	-.0122		-.0343		-.0302				
55.000			.2659	.1449	.0151	-.0804	-.0866		-.1567		-.3184				
70.000			.1940	.0827	.0566	-.0249	-.0786		-.1564		-.2967	-.1881	-.1686	-.1784	
90.000		.3352	.0900	.0471	.0384	-.0239	-.0788		-.1514		-.3276	-.2142	-.1888	-.2029	
120.000			.0908	.0377	.0274	-.0509	-.0653		-.1509		.4439	-.4372	-.3365	-.3506	
150.000			.0557	.0198	.0094	-.0163	.0891		-.3285	-.7535	-.6065	-.1911	-.1217	-.1261	
158.000															
165.000		.7433	.7460	.0420	.0005	-.0059	.0083	.2204	.2670		-.4611	-.1505	-.1147	-.1014	
180.000									.2267	-.7249					

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI	.000	.2136	.0491	.0480	.0474	-.1173	-.2713		-.1023
40.000	.3258	.3253	.0349	.0355	.0321	-.1659	-.2529		-.0597
70.000	-.4103	-.3559	-.2634	-.0453	-.1048	-.1286	-.0779		
90.000	-.2101	-.0847	-.1648	-.0225	-.1342	-.0762	-.0931		
105.000			-.1199	-.1181	-.1161	-.1507	-.1392		
110.000								-.1986	
120.000	-.3199	-.2571	-.0516	-.1216	-.2007	-.1859	-.1911	-.1713	
135.000			.2815	-.0957	-.2285	-.2063	-.1529		
150.000	-.1395	-.0803	.1918	-.0470	-.3258	-.2589	-.2381		
165.000			.0751	.1460	-.1367	-.2810	-.2921		
180.000	-.0768	-.0204	.0621						

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAB9)

PAGE 40

(RCJB04)

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7028	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
40.000	.5119	.4647	.3487	.3464	.3484	-.0110	-.1815		-.0166
50.000	.5861	.5415	.3248	.3219	.3239	-.0181	-.1476		.0435
60.000	-.6070	-.5590	-.4043	-.1497	-.1889	-.1850	-.1082		
70.000	-.2643	-.1623	-.3213	-.1469	-.1969	-.1441	-.1034		
80.000			-.2781	-.2580	-.2389	-.1849	-.1459		
90.000								-.2020	
100.000	-.5003	-.4112	-.1595	-.1901	-.1903	-.1710	-.1741	-.1546	
110.000			.3578	-.1705	-.2379	-.2382	-.1982		
120.000	-.3643	-.2290	.2154	-.0606	-.3339	-.2359	-.2276		
130.000			.6729	.1779	-.1424	-.2924	-.3005		
140.000	-.0969	-.0401	.0553						

(R00805) (03 OCT 75)

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
BDFLAP = -14.250 BETA = 10.000

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

BETA (1) = 10.050 ALPHA (1) = -2.970

SECTION (1) LEFT FUSELAGE

		DEPENDENT VARIABLE CP									
X/LB		.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	
PHI											
0.000	.1985	.4704	.0899	-.2444	-.1348	-.7210	-.2298				
20.000			-.0005	-.4068	-.6069	-.3992	-.2028				
40.000			.0842	-.2455	-.1917	-.3199	-.2531				
55.000			-.1127	-.1609	-.2001	-.2539	-.2697				
70.000			-.1433	-.1787	-.2009	-.2468	-.2896				
90.000		.0326	-.2012	-.2706	-.2777	-.3587	-.3688				
120.000			-.0860	-.1416	-.1629	-.2785	-.2375				
150.000			.0553	-.0548	-.0561	-.0759	-.1921				
158.000											
165.000	.1985	.8288	.3001	.2011	.1703	.1390	.2504				
180.000											
X/LB											
	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430		

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DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 42

(R00805)

BETA (1) = 10.060 ALPHA (2) = .030

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PMI															
.000	.2898	.3972	.1559	.1878	.1903	.5945	.1570		.1394		.1460	.1207	.1005	.0483	.0556
20.000			.0471	.3517	.6329	.3157	.1276		.1375		.1388				
40.000			.1160	.2238	.1386	.2740	.2201		.2164		.1905	.1210	.1038	.0389	.0800
55.000			.1001	.1324	.1745	.2214	.2294		.2630		.3430				
70.000			.1257	.1543	.1551	.2089	.2476		.2987		.3592	.1591	.0961	.0639	
90.000		.0725	.1537	.2374	.2198	.2922	.3090		.3635		.4194	.1752	.1025	.0698	
120.000			.0844	.1471	.1391	.2299	.2365		.3660		.4971	.2815	.1243	.1007	
150.000			.0654	.0680	.0556	.0900	.1775		.6249		.4250	.2499	.2115	.1890	
180.000															
PMI															
.000	.2898	.8490	.2248	.1358	.1152	.0851	.2148		.0978		.4863	.2129	.1916	.1815	
20.000									.1926						
40.000															
55.000															
70.000															
90.000															
120.000															
150.000															
180.000															

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PMI															
.000	.0818	.2427	.3530	.3513	.3520	.2878	.3782		.1965						
20.000			.3635	.3647	.3659	.3059	.3342		.1607						
40.000		.2517	.2473	.0475	.1571	.1711	.1266								
55.000		.1493	.1650	.0840	.2197	.1401	.1531								
70.000			.2096	.2060	.2416	.2313	.2099								
90.000															
110.000															
120.000		.1771	.2029	.4477	.3395	.3089	.2696		.2590						
135.000				.2182	.4253	.3709	.3697		.2432						
150.000		.1866	.1178	.2140	.5928	.4188	.3273								
165.000				.0634	.0253	.4227	.4674								
180.000		.1956	.0797	.0347											

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PMI															
.000	.4616	.2473	.2934	.0633	.2870	.4703	.0537		.0683		.0712	.0419	.0075	.0872	.1273
20.000			.1419	.2350	.1956	.2340	.0541		.0670		.0741				
40.000			.1804	.1995	.0911	.2333	.2053		.2161		.2221	.1240	.0847	.0069	.1868
55.000			.0959	.1318	.2138	.2251	.2202		.2555		.3746				
70.000			.1323	.1435	.1479	.1772	.2149		.2646		.3479	.1827	.1404	.1485	
90.000		.0542	.1091	.1564	.1472	.2123	.2152		.2856		.3812	.1812	.1222	.1308	
120.000			.0959	.1177	.1263	.1958	.2230		.3507		.4549	.2290	.0936	.0994	
150.000			.0875	.1138	.0928	.1257	.1435		.6169		.4470	.2058	.1502	.1381	
165.000															
180.000		.4616	.8160	.0843	.0147	.0024	.1658		.0860		.5202	.2261	.1996	.1913	

526590:5M7F8W1:6E26V8R5X9 LEFT FUSELAGE

(R03805)

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

x^2	.6549	.7324	.7828	.8254	.8615	.9262	.9649	1.0037	1.0430
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100.000	-.1273	-.0272	-.2078	-.2106	-.2080	-.2517	-.3792	-.1928
40.000	-.2946	-.2291	-.2153	-.2210	-.2202	-.2619	-.3140	-.1183
70.000	-.3244	-.3356	-.2969	-.3983	-.1958	-.1958	-.1355	
90.000	-.1774	-.1879	-.2517	-.1399	-.2121	-.1305	-.1262	
105.000			-.2398	-.2372	-.2611	-.2495	-.2240	
110.000								-.2536
120.000	-.2556	-.2537	-.3272	-.4034	-.3281	-.2955	-.2599	-.2332
135.000			.1172	-.1071	-.4287	-.3652	-.3348	
150.000	-.1531	-.0808	.1000	-.0328	-.5698	-.4053	-.3212	
165.000			.0235	-.0671	-.4728	-.4707	-.4750	
180.000	-.1815	-.1115	-.0236					

$\beta(1) = 10.050$ $\alpha(4) = 10.120$

SECTION : LEFT FUSELAGE

DEPENDENT VARIABLE CP

X ¹ /6	.0000	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
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Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352
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[illegible]

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR ARLAD LSMT TEST 711 (OAB9)

PAGE 44

(R00805)

B26C9C1547F0H116E2SV8R5X9 LEFT FUSELAGE

BETA (1) = 10.050 ALPHA (5) = 13.190

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.6808	-.0959	.5009	.1185	.4412	-.3152	.0949	.0509		.0389	.0986	.1579	.2886	.3741
20.000		.3001	-.0978	.3024	-.0978	.3024	-.0978	.3024	.0181		-.0164				
40.000		.2109	-.1322	.0303	-.3039	.3039	-.3039	.3039	-.3426		-.3035				
55.000		-.1934	-.2737	.4460	-.3752	.2989	-.2989	.2989	-.3467		-.5125			.0455	.3029
70.000		-.1474	-.1742	.1503	-.1963	.2302	-.2302	.2302	-.2809		-.4014			-.4263	
90.000		-.2000	-.1429	.1154	-.1817	.2142	-.2142	.2142	-.2644		-.4012			-.2446	-.3076
120.000		-.1752	-.1436	.1134	-.1847	.2046	-.2046	.2046	-.2389		-.4678			-.1557	-.1740
150.000		-.1668	-.11974	.1164	-.1674	.1149			-.6045		-.5022			-.1162	-.1446
165.000															
180.000															

-.8133

-.5519 -.2354 -.2049 -.2168

X/LB	.6808	.715	.7167	.7370	.7622	.7869	.8108	.8330
PHI	.000	.3329	.1768	.1792	.1800	-.0590	-.2222	-.0479
40.000		.5152	.4899	.4715	.4566	-.1162	-.1826	.0193
70.000		-.5086	-.4574	-.3951	-.3258	-.2255	-.1411	
90.000		-.3886	-.2916	-.2106	-.1562	-.1158	-.1114	
105.000			-.4839	-.3765	-.3263	-.2545	-.1980	
120.000								
135.000			-.4146	-.3589	-.3015	-.3455	-.2918	
150.000			-.5220	-.4204	-.4187	-.3483	-.3176	
165.000			-.1760	-.0962	-.0595	-.0711	-.0290	
180.000			-.1758	-.1158	-.3135	-.4905	-.4639	

-.2767

-.2503

BETA (1) = 10.050 ALPHA (6) = 16.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1472	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.7389	-.2375	.5664	.1915	.4320	-.2659	.1364	.1058		.0916	.1566	.2169	.3569	.4496
20.000		.3508	-.0509	.3508	-.1302	.0980	.0807	.0378	.0378		-.0146				
40.000		.2107	-.1137	.1137	-.1315	.3493	.3592	-.4601	-.4601		-.4602			.0491	.3298
55.000		-.2140	-.3543	.4607	-.3626	-.3626	-.3626	-.4123	-.4123		-.5778				
70.000		-.1658	-.0922	.1923	-.3333	.2484	-.2484	.3129	.3129		-.4325			-.6222	
90.000		-.2648	-.1658	.2110	-.2188	.2626	-.2626	-.2922	-.2922		-.4227			-.2964	-.3883
120.000		-.16479	-.1893	.1613	-.2056	.2104	-.2104	-.3230	-.3230		-.4676			-.1868	-.2025
150.000		-.2255	-.2163	.1129	-.1167	.1146			-.6152		-.5170			-.1205	-.1420
165.000															
180.000															

-.8345

-.5513 -.2414 -.2229 -.2638

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A59)

(R00B05)

926C0915M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = 10.050 ALPHA (6) = 15.220

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP								
X/LB		.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI										
.000	.4925	.4425	.3257	.3278	.3272	.0081	-.1694			-.0027
40.000	.5712	.5502	.2742	.2718	.2716	-.0559	-.1298			.0766
70.000	-.5984	-.5244	-.4169	-.2035	-.2797	-.2369	-.1279			
90.000	-.5002	-.5577	-.4870	-.2827	-.2436	-.1921	-.1255			
105.000		-.6246	-.5232	-.3557	-.2748	-.2059				
110.000									-.2782	
120.000	-.4862	-.4234	-.8029	-.7146	-.4333	-.3680	-.3079		-.2465	
135.000			.5705	-.2146	-.4237	-.3467	-.2997			
150.000	-.1479	-.0673	.2705	-.0447	-.5262	-.3747	-.3603			
165.000			-.1707	-.2865	-.4712	-.4401	-.4453			
180.000	-.4056	-.3808	-.1708							

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(RDQB06) (03 OCT 75)

PARAMETRIC DATA

ELEVON =	-20.000	RUDDER =	.000
BOFLAP =	-14.250	BETA =	-10.000

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.2888	.5143	.1025	-.2226	.1214	-.5318	-.2275	-.1998			-.1975	-.1712	-.1597	-.1375	-.1585
20.000			.1907	.1255	-.0808	-.2617	-.3284	-.2644			-.2291				
40.000			.3531	.1274	.0184	-.2135	-.2958	-.3496			-.2897	-.2365	-.2523	-.2230	-.1231
55.000			.4150	.2357	.1757	.0925	-.0431	-.0848			-.1192				
70.000			.5080	.4625	.2833	.1675	.0850	-.0111			-.1455	-.0027	.0413	.0851	
90.000	.8273		.5479	.3819	.3224	.1872	.0935	.0339			-.1602	-.0110	.0222	.0650	
120.000			.5534	.3745	.3833	.2690	.2310	.1242			-.1729	-.1654	-.0729	-.0610	
150.000			.4241	.3273	.2730	.1698	.2732	.0562			-.14807	-.1765	-.1182	-.1022	
158.000									-.4339						
165.000								.4605							
180.000	.2888	.8441	.2493	.1518	.1285	.1076	.1735	.2151	-.5248		-.4723	-.2232	-.1986	-.1674	

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9549	1.0037	1.0430
------	-------	-------	-------	-------	-------	-------	-------	--------	--------

Phi	-2.189	-.4567	-.5637	-.5573	-.5648	-.3939	-.4494	-.2615
0.000	-.4992	-.5978	-.5937	-.5939	-.5937	-.4364	-.4182	-.2513
10.000	-.0175	-.0631	.1362	.0639	.2173	.1241	-.0846	
20.000	-.0394	-.0534	.1776	.2082	.1578	.1160	-.0238	
30.000			.2259	.2323	.1180	.0353	-.0665	
40.000								-.1885
50.000	.0310	.0837	.4035	.1976	-.0104	-.0539	-.1301	-.1636
60.000			.1280	-.0254	-.1221	-.1104	-.1496	
70.000	-.0465	.0471	.1700	-.0187	.0332	.0088	-.1605	
80.000			.0394	.2343	.2074	-.0646	-.0713	
90.000	-.1218	-.0610	.0387					

DATE 20 OCT 75

B26C9G15M7F9W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = -10.070 ALPHA (2) = .020

SECTION 1111 FUSELAGE

[illegible]

PHI

40.000	-.2887	-.3786	-.5231	-.5174	-.5240	-.4403	-.4225
40.000	-.1149	-.3402	-.5103	-.5323	-.5103	-.4403	-.4225
40.000	-.030	-.1149	-.3402	-.5103	-.5323	-.4403	-.4225

[illegible]

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DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

(R00806)

B26C9G15M7F8M116E26V8R5X9 LEFT FUSELAGE

BETA (1) = -10.070 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.0808	-.1266	-.3708	-.3714	-.3785	-.3640	-.4774		-.3030
40.000	.0433	-.0379	-.3655	-.3649	-.3733	-.4490	-.4481		-.2439
70.000	-.1477	-.0323	.0738	.2500	.2123	.1399	-.0286		
90.000	-.2937	-.1116	.1248	.2599	.1500	.1251	-.0129		
105.000		.1835	.1835	.2423	.1203	.0355	-.0692		
110.000								-.2043	
120.000	-.1268	-.0192	.3907	.1855	-.0742	-.1204	-.1879	-.2425	
135.000			-.2264	-.3763	-.3763	-.3049	-.2596		
150.000	-.1752	-.0774	.0440	-.1594	-.0116	-.0395	-.1681		
165.000		-.0779	-.0779	.1699	.1653	-.0787	-.0977		
180.000	-.1540	-.1030	-.0190						

BETA (1) = -10.060 ALPHA (4) = 10.090

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.7041	.1085	.4439	.0403	.3346	-.2752	-.0057		.0237		.0092	.0296	.0798	.1809	.2299
20.000			.5105	.3293	.1527	-.0217	.0111		.0253		.0565	.1227	.1537	.2486	.3938
40.000			.6441	.4155	.3346	.1779	.1277		.1004		.1469	.1572			
55.000			.5929	.4345	.3249	.1676	.1271		.0482		-.1467	-.0685	-.0604	-.0738	
70.000			.5182	.3483	.2893	.1754	.1070		.0175		-.2055	-.1606	-.1488	-.1349	
90.000	.6244		.3461	.2310	.1997	.1271	.0438		-.0046		-.5286	-.7703	-.8016	-.8883	
120.000			.2388	.1374	.1023	-.0203	-.0980		-.0075		-.7542	-.3203	-.2719	-.2942	
153.000			.0076	-.0590	-.0877	-.1016	.0879		-.2423	-.7958					
159.000															
165.000	.7041	.7344	-.0767	-.1116	-.1132	-.0946	.0676	.2864	-.9152		-.5504	-.2453	-.1947	-.1862	
180.000								.0382							

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.2668	.1038	-.1532	-.1566	-.1557	-.2667	-.4220		-.2052
40.000	.3080	.2267	-.1491	-.1543	-.1533	-.4113	-.4531		-.1977
70.000	-.2644	-.0955	.0360	.2445	.2135	.1548	-.0285		
90.000	-.5044	-.2647	.0949	.2583	.1508	.1335	-.0075		
105.000			.1525	.2515	.1223	.0365	-.0690		
110.000								-.2114	
120.000	-.2301	-.0865	.3487	.1842	-.1181	-.1529	-.2112	-.2847	
135.000			-.4780	-.5955	-.5322	-.4352	-.3510		
150.000	-.2476	-.1429	-.0294	-.2456	-.0405	-.0753	-.2051		
165.000			-.1028	.0952	.1056	-.0860	-.1052		
180.000	-.1705	-.1140	-.0514						

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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BETA (1) = -10.060 ALPHA (5) = 13.190

(R00308)

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.7687	-.0121	.5184	.1143	.3915	-.2444	.0341	.0661	.0888	.0510	.0895	.1438	.2558	.3156	
20.000	.5882	.3970	.2233	.0332	.0658	.1546	.1637	.1500	.1623	.2351	.1656	.1757	.1852		
40.000	.7026	.4745	.3917	.2238	.1894	.1132	.0044	.0193	.0836	.6842	.3479	.3144	.3239		
55.000	.5906	.4243	.2959	.1334	.1132	.0950	.0028	.0193	.0836	.6842	.3479	.3144	.3239		
70.000	.5138	.3623	.2986	.1825	.0950	.0044	.0028	.0193	.0836	.6842	.3479	.3144	.3239		
90.000	.2654	.1584	.1347	.0444	.0028	.0193	.0836	.6842	.3479	.3144	.3239				
120.000	.1727	.0727	.0591	.0355	.0271	.03026									
150.000	-.1011	-.11428	-.1502	-.1861	.0503										
165.000															
180.000	.7687	.6297	-.1608	-.1760	-.1675	-.1450	.0194	.2361	-.0069	-.9938	-.5558	-.2357	-.1940	-.2087	

X/LB	.6549	.7324	.7826	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
40.000	.3719	.2520	.0271	.0254	.0283	-.1770	-.3409	-.1298	-.1467
60.000	.4298	.3623	.0262	.0216	.0257	-.3293	-.4047		
80.000	-.4050	-.1574	-.0029	.2233	.2225	.1694	-.0406		
100.000	-.6352	-.3425	.0737	.2545	.1480	.1409	-.0074		
120.000		.1324	.1324	.2484	.1150	.0354	-.0687		
140.000	-.2797	-.1195	.3214	.1805	-.1413	-.1713	-.2226	-.1984	
160.000	-.5697	.7238	.6341	.7238	.6341	.5152	-.4061	-.2787	
180.000	-.2734	-.1568	-.0487	-.2557	-.0707	-.1168	-.2454		
200.000	-.0956	-.0110	.0341	-.0341	-.0391	-.1148			

BETA (1) = -10.050 ALPHA (6) = 15.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.8127	-.1358	.5886	.1952	.4313	-.2113	.0735	.1092	.1498	.1050	.1453	.2044	.3290	.3983	
20.000	.6631	.4692	.3043	.0885	.1420	.2233	.2187	.1780	.1829	.1871	.2436	.2666	.3777	.5341	
40.000	.7478	.5053	.4372	.2233	.0628	.0835	.0809	.0178	.0208	.2071	-.1363	-.1348	-.2680		
55.000	.5708	.3814	.2338	.2010	.0809	.0178	.0761	.2685	.2213	.2243	-.2243	-.13413	-.14152		
70.000	.4956	.3574	.2399	.0551	-.0176	-.0488	-.3765	.8120	-.11689	-.13413	-.3513	-.3481			
90.000	.1680	.0338	.0338	.0338	-.0145	-.2556	.0047	-.8774	-.3770	-.3513					
120.000	.0394	.0236	-.2591	-.2712	-.2556										
150.000	-.2078	-.2591	-.2712	-.2556											
165.000															
180.000	.8127	.4913	-.2432	-.2388	-.2181	-.1852	-.0028	.2011	-.0412	-.10762	-.5608	-.2379	-.2026	-.2697	

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR WPLAD LSWT TEST 711 (0A69)

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(R00806)

BETA () = -10.050 ALPHA () = 15.220

SECTION 1 LEFT FUSELAGE

DEFLECT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.4628	.3950	.2123	.2121	.2123	-.0761	-.2757		-.0541
.0000	.5289	.4737	.2132	.2155	.2155	-.1729	-.3131		-.0947
.0000	.6329	.3748	-.1212	.1645	.1936	.1882	-.0006		
.0000	.7015	-.3815	.0336	.2241	.1254	.1545	.0115		
.0000			.1136	.2180	.0911	.0354	-.0524		
.0000								-.1829	
.0000	-.3159	-.1597	.3729	.1721	-.1401	-.0576	-.2234	-.2786	
.0000			-.6124	-.7228	-.7008	-.5752	-.4549		
.0000	-.2880	-.1814	-.0624	-.3365	-.1086	-.1433	-.2715		
.0000			-.1270	-.0386	.0094	-.0459	-.1057		
.0000	-.3808	-.2910	-.1339						

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(R0Q807) (03 OCT 75)

PARAMETRIC DATA

ELEVON	-20.000	RUDDER	-	.000
BDFLAP	-14.250	BETA	-	.000

.2050	.2364	.3023	.3798	.4999	.5774
-------	-------	-------	-------	-------	-------

9921 -
C1C11 -
EC111 -
1660 -
0980 -
C421 -

- .2563	- .1094	- .0776	.0045
- .1568	- .1002		

- .2974	- .1051	- .0424	.0109
- .3371	- .1194	- .0487	- .0022

- .3349	- .2180	- .0724	- .0323
- .3721	- .1131	- .0594	- .0321

1839

-0.3595	-0.0927	-0.0707	-0.0304
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DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 52

(R00807)

BETA (1) = .000 ALPHA (2) = .050

B26C9C15M7FBH116E26V8R5X9 LEFT FUSELAGE

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.4398	.5680	.2563	-.1133	.2938	-.4650	-.0921	-.0787			-.0710	-.0528	-.0400	-.0151	-.0308
20.000			.2347	-.0709	-.0991	-.3295	-.1328	-.1017			-.0697				
40.000			.3196	.0445	.0381	-.1265	-.1455	-.1368			-.0842	-.0312	-.0445	.0039	.0941
55.000			.2285	.0977	.0387	-.0552	-.1015	-.1613			-.2512				
70.000			.2104	.1070	.0547	-.0388	-.0935	-.1700			-.2795	-.1075	-.0583	-.0201	
90.000		.5118	.2206	.0787	.0470	-.0594	-.1040	-.1777			-.3136	-.1200	-.0649	-.0287	
120.000			.2586	.1804	.1537	.0500	-.0035	-.1403			-.3377	-.2100	-.0726	-.0469	
150.000			.3171	.2119	.1822	.1419	.1930	-.1922			-.4267	-.1285	-.0691	-.0464	
165.000										-.5453					
180.000	.4398	.9634	.3210	.2332	.1870	.1764	.3484	.3720			-.3906	-.1086	-.0827	-.0453	
X/LB	.5549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430						

PHI

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
.000	-.0873	-.3091	-.5174	-.5090	-.5150	-.3692	-.4353	-.2282							
40.000	-.0357	-.0971	-.5597	-.5495	-.5590	-.4645	-.4411	-.2059							
70.000	-.1208	-.0774	.0068	.1474	.1348	.0793	-.0638								
90.000	-.0349	.0377	.0450	.1295	.0604	.0366	-.0549								
105.000			.0478	.0366	.0061	-.0267	-.0920								
110.000								-.1908							
120.000	-.0850	-.0339	.0502	-.0168	-.0779	-.0963	-.1389	-.1543							
135.000			.4033	.0189	-.1392	-.1291	-.1432								
150.000	-.0028	.0918	.2624	.0735	-.1786	-.1484	-.2010								
155.000			.1705	.1784	-.0753	-.2223	-.2318								
160.000	.0030	.0712	.1506												

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.6010	.4142	.3881	.0023	.3726	-.2778	-.0034	.0011			.0138	.0278	.0488	.1008	.1174
20.000			.3524	.0401	-.0245	-.2100	-.0405	-.0210			.0054				
40.000			.4074	.1349	.1137	-.0512	-.0402	-.0617			-.0343	.0242	.0190	.0945	.2199
55.000			.2729	.1583	.0748	.0322	-.0624	-.1313			-.2742				
70.000			.2108	.1144	.0650	-.0053	-.0690	-.1449			-.2730	-.1360	-.0981	-.0834	
90.000		.4551	.1987	.1124	.0968	-.0051	-.0435	-.1378			-.3008	-.1557	-.1103	-.0930	
120.000			.1950	.1290	.1078	.0160	-.0185	-.1479			-.3711	-.2731	-.1430	-.1358	
150.000			.2008	.1266	.1045	.0561	.1412	-.2610			-.5223	-.1596	-.0892	-.0760	
158.000										-.6495					
165.000	.6010	.9127	.1856	.1177	.0831	.3999	.2827	.3184			-.4342	-.1337	-.0976	-.0690	
180.000								.2965	-.5883						

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

(R00807)

B26C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI	.0951	-.1188	-.3671	-.3653	-.3758	-.3366	-.4466		
0.000	.1610	-.0617	-.4019	-.4029	-.4113	-.4371	-.4413	-.2074	
20.000	-.2276	-.1467	-.0419	.1398	.1351	.0881	-.0712	-.1896	
40.000	-.1025	.0052	.0116	.1245	.0554	.0535	-.0426		
60.000			.0366	.0485	.0068	-.0316	-.0991		
80.000								-.2020	
100.000								-.1807	
120.000	-.1725	-.0965	.0667	.0105	-.1197	-.1283	-.1712		
135.000			.3080	-.0220	-.1714	-.1531	-.1588		
150.000	-.0430	.0482	.1851	.0240	-.2087	-.1658	-.1971		
165.000			.1246	.1320	-.1005	-.2310	-.2405		
180.000	-.0282	.0362	.1080						

BETA (1) = .000 ALPHA (4) = 10.100

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0700	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.364	.3023	.3798	.4999	.5774
PHI	.7433	.2242	.5214	.1285	.4545	-.1349	.0846				.0392	.1069	.1370	.2219	.2589
0.000			.4640	.1567	.0296	-.1052	.0426	.0788	.0543		.0753				
20.000			.4483	.1823	.1600	-.0360	-.0122	-.0343			-.0302	.0442	.0592	.1685	.3069
40.000			.2659	.1449	.0151	-.0804	-.0866	-.1567			-.3184				
60.000			.1940	.0827	.0566	-.0249	-.0786	-.1564			-.2967	-.1847	-.1602	-.1603	
80.000	.3352		.0900	.0471	.0384	-.0239	-.0788	-.1514			-.3276	-.2085	-.1769	-.1839	
100.000			.0908	.0377	.0274	-.0509	-.0650	-.1509			-.4439	-.4126	-.3062	-.3151	
120.000			.0657	.0198	.0094	-.0163	.0891	-.3285			-.6065	-.1831	-.1106	-.1103	
135.000									-.7535						
150.000								.2670							
165.000	.7433	.7460	.0420	.0006	-.0069	.0083	.2204	.2267	-.7219		-.4611	-.1449	-.1054	-.0880	
180.000															

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI	.2656	.0987	-.1344	-.1390	-.1352	-.2487	-.3791		
0.000	.3364	-.2338	-.1542	-.1631	-.1591	-.3633	-.3816	-.1676	
20.000	-.3488	-.2356	-.0955	.1187	.1264	.0963	-.0669	-.1029	
40.000	-.1715	-.0292	-.0316	.1134	.0438	.0590	-.0401		
60.000			.0055	.0306	-.0033	-.0398	-.1039		
80.000								-.2160	
100.000	-.2654	-.1619	.0550	.0105	-.1439	-.1592	-.2013	-.2096	
120.000			.2847	-.0707	-.1250	-.1818	-.1792		
135.000			.1945	-.0376	-.3033	-.2382	-.2319		
150.000	-.1074	-.0245	.0305	.1604	-.1042	-.2532	-.2623		
165.000									
180.000	-.0507	.0077	.0817						

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 54

(R00807)

BETA (1) = .000 ALPHA (5) = 13.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.8184	.0976	.6005	.1998	.5076	-.1152	.1323		.1299		.1384	.1576	.1950	.2947	.3492
40.000			.5253	.2140	.0672	-.0539	.0900		.0399		.1172				
60.000			.4949	.1936	.1993	-.0075	-.0122		-.0361		-.0442	.0478	.0854	.2101	.3669
80.000			.2377	.0975	-.0539	-.1446	-.1127		-.1943		-.3775				
100.000			.1934	.0892	-.0594	-.0169	-.0919		-.1740		-.3238	-.2273	-.2144	-.2307	
120.000		.2342	-.0011	-.0433	-.0311	-.0727	-.1297		-.1822		-.3588	-.2462	-.2322	-.2434	
140.000			.0022	-.0381	-.0471	-.1133	-.1127		-.1626		-.5181	-.5389	-.4500	-.4363	
160.000			-.0199	-.0498	-.0555	-.0657	.0575		-.3671		-.6561	-.1994	-.1286	-.1524	
180.000								.2334		-.8091					
200.000								.1859	-.8003		-.4740	-.1506	-.1093	-.0997	

X/LB	.5549	.7324	.7828	.8254	.8635	.9262	.9649	1.0037	1.0430
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PHI

20.000	.3663	.2384	.0434	.0369	.0369	-.1697	-.3081		-.1176
40.000	.4458	.3513	.0081	.0029	.0029	-.2892	-.3246		-.0502
60.000	-.4703	-.3302	-.1694	.0734	.1092	.1058	-.0657		
80.000	-.2039	-.0578	-.0317	.0712	.0133	.0707	-.0406		
100.000		-.0447	-.0128	-.0369	-.0509	-.0509	-.1085		
120.000							-.2154		
140.000	-.3366	-.2266	.0122	.0026	-.1492	-.1604	-.2092	-.2068	
160.000			.3142	-.1069	-.1945	-.1899	-.1998		
180.000	-.1960	-.1084	.1230	-.0846	-.3799	-.2516	-.2493		
200.000			.0855	.1809	-.1142	-.2630	-.2808		
220.000	-.0619	-.0022	.0779						

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.8771	-.0269	.6722	.2750	.5550	-.0491	.1795		.1788		.1874	.2062	.2505	.3658	.4365
40.000			.5789	.2789	.0973	.0146	.1392		.1484		.1589				
60.000			.5322	.2062	.2274	-.0050	-.0268		-.0577		-.0764	.0379	.1024	.2450	.4279
80.000			.1935	.0230	-.2028	-.2537	-.1498		-.2458		-.4512				
100.000			.1852	.0971	.0632	-.0232	.1120		-.1988		-.3544	-.2815	-.2775	-.3691	
120.000		.1318	-.0696	-.1215	-.1011	-.1546	-.1914		-.2183		-.3900	-.2915	-.2911	-.3015	
140.000			-.0820	-.1100	-.1105	-.1831	-.1769		-.1842		.6141	-.6943	-.6209	-.5464	
160.000			-.1142	-.1247	-.1190	-.1170	.0265		-.4082		-.7007	-.2207	-.1602	-.2468	
180.000								.2042		-.8689					
200.000	.8771	.4231	-.1327	-.1308	-.1161	-.0792	.1479	.2042	-.8754		-.4830	-.1565	-.1161	-.1087	

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ABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

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(R00807)

B26C9G15W7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8635	.9262	.9649	1.0037	1.0430
PHI									
.000	.4659	.3785	.2191	.2155	.2165	-.0798	-.2349		-.0651
40.000	.5416	.4690	.1911	.1751	.1773	-.2022	-.2508		.0332
70.000	-.6221	-.4292	-.2267	-.0229	-.0932	.1121	-.1153		
90.000	-.2265	-.0984	-.1798	.0121	-.0309	.0414	-.0513		
105.000			-.1423	-.0843	-.0843	-.0838	-.1189		
120.000	-.4335	-.3108	-.0368	-.0515	-.1230	-.1528	-.1945	-.2265	
135.000			.3505	-.1370	-.2000	-.2247	-.2147	-.1945	
150.000	-.3306	-.2010	.2179	-.0576	-.3958	-.2498	-.2561		
165.000			.0934	.1915	-.1125	-.2920	-.2997		
180.000	-.0699	-.0157	.0710						

(R00808) (03 OCT 75)

REFERENCE DATA

CRPF	-	4.4120	SO.FT.	-	33.9580	:NCHES
LRPF	-	19.2300	INCHES	-	0.000	:NCHES
GRPF	-	37.9360	INCHES	-	16.2000	:NCHES
SCALE	-	1.0+05	SCALE	-		

BETA (1) = 10.050 ALPHA (1) = -2.970

PARAMETRIC DATA

ELEVON	=	-20.000	RUDDER	=	.000
BDFLAP	=	-14.250	BETA	=	10.000

SECTION (1) LEFT FUSELAGE

[illegible]

941

	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2
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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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(R00808)

BETA (1) = 10.060 ALPHA (2) = .030

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	0.000	0.080	0.230	0.470	0.700	1.124	1.473	1.670	1.860	2.050	2.364	3.023	3.798	4.999	5.774
PHI	.000	.2898	.3972	.1559	-.1878	.1903	-.5945	-.1570	-.1394	-.1460	-.1262	-.1147	-.0754	-.1087	
20.000				.0471	-.7517	.5229	-.3157	-.1276	-.1375	-.1388	-.1905	-.1133	-.0526	.0490	
40.000				.1150	-.2238	.1386	-.2740	-.2201	-.2164	-.3430	-.1207				
55.000				.1100	-.1324	.1745	-.2214	-.2294	-.2630	-.3592	-.1563	-.0934	-.0511		
70.000				.1157	-.1543	.1651	-.2089	-.2476	-.2380	-.4194	-.1701	-.0997	-.0556		
90.000			.0725	.1237	-.2374	.2108	-.2322	-.3090	-.3535	-.4971	-.2768	-.1220	-.0899		
120.000				.0844	-.1143	.1131	-.2299	-.2395	-.3550	-.4250	-.2434	-.2083	-.1783		
150.000				.0064	-.0680	-.0556	-.0900	-.1175	-.6249	-.6980					
155.000															
160.000		.2898	.8490	.2248	.1368	.1152	.0851	.2148	-.0978	-.4863	-.2042	-.1844	-.1661		

X/LB .6549 .7324 .7828 .8254 .8835 .9262 .9649 1.0037 1.0430

PHI

X/LB	0.000	0.080	0.230	0.470	0.700	1.124	1.473	1.670	1.860	2.050	2.364	3.023	3.798	4.999	5.774
PHI	.000	-.1580	-.3724	-.5111	-.5120	-.5137	-.4025	-.4768	-.2244	-.2244					
20.000				.0124	-.0989	-.5358	-.5437	-.4550	-.4453						
40.000				-.1513	-.1432	-.0902	-.0844	-.0367	-.1070						
55.000				-.1069	-.0911	-.0701	-.0473	-.0345	-.0955						
70.000					-.0747	-.0549	-.0687	-.0993	-.1464						
90.000									-.2458						
120.000				-.1231	-.1146	-.2402	-.2553	-.1770	-.1737	-.2105					
135.000					-.1549	.2619	-.1289	-.3417	-.2933						
150.000						.2347	.0041	-.5238	-.3601						
155.000						.0343	.0359	-.3764	-.4159						
160.000		-.1271	-.0655	.0683											

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	0.000	0.080	0.230	0.470	0.700	1.124	1.473	1.670	1.860	2.050	2.364	3.023	3.798	4.999	5.774
PHI	.000	.4616	.2473	.2934	-.2633	.2870	-.4703	-.0537	-.0683	-.0712	-.0525	-.0256	.0609	.0688	
20.000				.1419	-.2350	-.3556	-.2340	-.0541	-.0570	-.0741					
40.000				.1804	-.1432	-.0911	-.2333	-.2053	-.2161	-.2221	-.1287	-.0938	-.0184	.1525	
55.000				.1309	-.1316	-.1378	-.2139	-.2202	-.2555	-.3746					
70.000				.1323	-.1435	-.1479	-.1772	-.2149	-.2646	-.3479	-.1797	-.1334	-.1300		
90.000			.0542	.1321	-.1474	-.1472	-.2723	-.2152	-.2856	-.3812	-.1784	-.1148	-.1133		
120.000				.0359	-.1177	-.1063	-.1958	-.2230	-.3507	-.4549	-.2279	-.0876	-.0879		
150.000				-.0675	-.1136	-.0378	-.1257	-.1435	-.6169	-.4470	-.2059	-.1492	-.1306		
155.000															
160.000		.4616	.8160	.0843	.0182	.0147	.0024	.1658	-.0860	-.5202	-.2215	-.1926	-.1818		

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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 58

(R00808)

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8935	.9262	.9649	1.0037	1.0430
PHI									
0.000	.0615	-.1514	-.3799	-.3800	-.3819	-.3852	-.4906		
40.000	.2341	-.1419	-.2889	-.3913	-.3968	-.4342	-.4408	-.2554	
70.000	-.2593	-.2192	-.1193	-.0437	.0533	.0362	-.1002	-.1930	
90.000	-.1339	-.1193	-.1027	-.0409	-.0280	.0249	-.0691		
105.000			-.0989	-.0779	-.1014	-.1154	-.1564		
110.000								-.2783	
120.000	-.1970	-.1607	-.1517	-.2141	-.2019	-.1923	-.2068	-.2206	
125.000			.1515	.1437	.3425	.2810	-.2397		
130.000	-.1224	-.0520	.1240	.0086	.5010	.3479	-.2829		
145.000			.0564	-.0476	-.4241	-.4197	-.4252		
160.000	-.1531	-.0943	.0130						

BETA (1) = 10.050 ALPHA (4) = 10.120

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	0.000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2354	.3023	.3798	.4999	.5774
PHI															
0.000	.6094	.0435	.4235	.0634	.3933	-.3741	.0480		.0000		-.0092	.0301	.0747	.1902	.2339
20.000			.2411	-.1483	-.2779	-.1684	.0087		-.0116		-.0352				
40.000			.2014	-.1695	-.0761	-.2477	-.2435		-.2018		-.3099	-.1597	-.1189	.0234	.2316
55.000			-.1451	-.0059	-.3315	.3094	-.2579		-.3073		-.4440				
70.000			-.1462	-.1743	-.1153	-.1864	-.2146		-.2735		-.3701	-.2408	-.2341	-.2682	
90.000	-.0684		-.1630	-.1566	.1268	-.1725	-.1949		-.2642		-.3841	-.2186	-.1779	-.2186	
120.000			-.1363	-.1253	-.1088	-.1781	-.2093		-.3487		-.4526	-.2467	-.1097	-.1264	
145.000			-.11463	-.1710	-.253	-.1564	-.1173		-.6103		-.4790	-.1812	-.1162	-.1326	
160.000										-.7788					
175.000															
190.000															

PHI

X/LB	.6549	.7324	.7828	.8254	.8435	.9262	.9649	1.0037	1.0430
0.000									
40.000	.2504	.0828	-.1566	-.1628	-.1533	-.3002	-.4469		
70.000	.3064	.3210	-.1790	-.1609	-.1833	-.3744	-.4050	-.1954	
90.000	-.3495	-.2694	-.1428	-.0103	.0501	.0449	-.1179	-.1330	
105.000	-.2211	-.2229	-.1566	-.0821	-.0327	.0277	-.0577		
120.000			-.1949	-.0978	-.0976	-.0954	-.1343		
130.000								-.2402	
140.000	-.2762	-.2090	-.2215	-.2672	-.2333	-.2042	-.2154	-.2205	
150.000			.3436	-.1936	-.3457	-.2835	-.2465		
160.000	-.1522	-.0866	.0984	-.1636	-.4255	-.3188	-.3070		
175.000			-.0294	-.1658	-.4440	-.4117	-.4176		
190.000	-.1729	-.1131	-.0421						

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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 59

BETA (1) = 10.050 ALPHA (5) = 13.190

(RDQ80J)

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.6808	-.0959	.5009	.1286	.4412	-.3152	.0949	.0509		.0385	.0884	.1376	.2663	.3311
20.000			.3001	-.0978	-.2074	-.1218	.0449	.0181			-.0164				
40.000			.2109	-.1322	-.0903	-.3039	-.2959	-.3426			-.3835				
55.000			-.1934	-.2797	-.4460	-.3752	-.2989	-.3467			-.5125			.0401	.2721
70.000			-.1474	-.1742	-.1503	-.1963	-.2302	-.2809			-.4014		-.3093	-.3955	
90.000		-.1481	-.2290	-.1929	-.1543	-.1817	-.2142	-.2644			-.4012		-.2331	-.2848	
120.000			-.1752	-.1496	-.1294	-.1847	-.2043	-.3289			-.4678		-.1435	-.1555	
150.000			-.1688	-.1974	-.1464	-.1674	-.1149	-.16045			-.5022		-.1111	-.1131	
165.000															
180.000															

-.8133

-.5519 -.2281 -.1971 -.2002

X/LB

PHI

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.3596	.2342	.0317	.0311	.0306	-.1955	-.3539	-.1363						
40.000			.4300	.0029	-.0005	-.0040	-.2883	-.3249	-.0681						
70.000			-.4243	-.3216	-.0139	-.0435	.0494	-.1019							
90.000			-.3294	-.2931	-.2187	-.0448	-.0658	-.0509							
105.000				-.2975	-.1768	-.1438	-.1134	-.1333							
110.000															
120.000		-.3428	-.2552	-.3846	-.3964	-.2319	-.2118	-.2178							
135.000				.5381	-.1767	-.3511	-.2984	-.2655							
150.000		-.1503	-.0767	.1517	-.1193	-.4352	-.3049	-.3452							
165.000				-.1495	-.2898	-.44531	-.4381	-.4430							
180.000		-.2314	-.1678	-.0834											

-.2500
-.2205

BETA (1) = 10.050 ALPHA (6) = 16.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.7389	-.2375	.5564	.1915	.4920	-.2659	.1364	.1058		.0916	.1486	.2006	.3372	.4101
20.000			.3508	-.0509	-.1392	-.0980	.0807	.0378			-.0146				
40.000			.2127	-.1137	-.1315	-.3493	-.3592	-.4601			-.4602		-.1737	.0455	.3035
55.000			-.2740	-.3543	-.6207	-.4633	-.3626	-.4123			-.5778				
70.000			-.1658	-.1698	-.1393	-.1823	-.2484	-.3129			-.4325		-.3592	-.5913	
90.000		-.2648	-.3400	-.2686	-.2110	-.2188	-.2526	-.2922			-.4227		-.3157	-.2858	-.3676
120.000			-.2479	-.1883	-.1613	-.2055	-.2104	-.3230			-.4876		-.1735	-.1874	
150.000			-.2255	-.2163	-.1729	-.1937	-.1146	-.1612			-.5170		-.1696	-.1133	-.1304
165.000															
180.000															

-.8345

-.5513 -.2311 -.2140 -.2446

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 60

(R00808)

B26C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = 10.050 ALPHA (6) = 16.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.4506	.3548	.2115	.2070	.2117	-.0948	-.2624		-.0549
40.000	.5427	.5116	.1717	.1653	.1665	-.1913	-.2410		.0088
70.000	-.5145	-.3868	-.2238	-.0523	.0114	.0436	-.0994		
90.000	-.4488	-.4516	-.3140	-.1153	-.1123	.0259	-.0557		
105.000			-.4390	-.3225	-.1975	-.1509	-.1524		
110.000								-.2643	
120.000	-.4188	-.3218	-.6066	-.5215	-.2840	-.2500	-.2457	-.2328	
135.000			.5834	-.1846	-.3741	-.3174	-.2837		
150.000	-.1231	-.1441	.2763	-.1075	-.5033	-.3695	-.4034		
165.000			-.2057	-.3184	-.4549	-.4405	-.4483		
180.000	-.3629	-.3207	-.1283						

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 61

82659015WTFB0116E26VBP5X9 LEFT FUSELAGE

(R00809) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = -10.000

BETA (1) = -10.060 ALPHA (1) = -2.980

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.2888	.5143	.1025	-.2226	.1214	-.5313	-.2275	-.1998	-.1975	-.1713	-.1607	-.1437	-.1797	
20.000				.1907	.1265	-.0808	-.2617	-.3284	-.2644	-.2291	-.2399	-.2538	-.2284	-.1415	
40.000				.3531	.1274	.0184	-.2135	-.2958	-.3496	-.2897	-.2399	-.2538	-.2284	-.1415	
55.000				.4150	.2957	.1767	-.0925	-.0431	-.0648	-.1192	-.1455	.0002	.0478	.0967	
70.000				.5080	.3626	.2833	.1675	.0850	-.0111	-.1455	.0002	.0478	.0967	.0777	
90.000		.8273		.5479	.3319	.3224	.1872	.0995	.0739	-.1602	-.0058	.0291	.0777	.0437	
120.000				.5534	.4345	.3833	.2690	.2310	.1242	-.1729	-.1596	-.0618	-.0437	-.0871	
150.000				.4241	.3273	.2790	.1688	.2732	.0562	-.4807	-.1706	-.1075	-.0871		
152.000									-.4339						
165.000									.4605						
180.000		.2888	.8441	.2493	.1518	.1285	.1076	.1735	.2151	-.5248	-.4723	-.2195	-.1890	-.1541	

1.0037 1.0430

.9649

.9262

.8835

.8254

.7928

.7324

.6549

.5888

PHI

.000

40.000

70.000

90.000

105.000

110.000

120.000

135.000

150.000

165.000

180.000

.2561

.5521

.0671

-.0057

.0758

-.0221

-.0971

-.4641

-.6116

.1476

.0926

.1525

.0507

-.0463

-.6178

-.6415

.2500

.2543

.2925

.4349

.1612

.0216

.0487

-.6276

-.6315

.3238

.2414

.2098

-.0005

-.1986

.0297

.2000

-.0873

-.0975

-.1906

-.1958

-.0145

-.0712

-.4856

-.5457

.2226

.1078

.0589

-.1817

-.1958

-.0858

-.1073

-.5358

-.5018

-.3981

-.0858

-.1073

-.3353

-.2505

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A59)

PAGE 62

B26C9G15M7FBW116E26VBR5X9 LEFT FUSELAGE

(R00809)

BETA (1) = -10.070 ALPHA (2) = .020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.3833	.4463	.1713	-.1656	.1713	-.4182	-.1629	-.1279	-.1279	-.1350	-.1479	-.1155	-.1065	-.0769	-.0967
40.000			.2552	-.1678	-.0766	-.1947	-.2407	-.1866	-.1866	-.1726	-.1726	-.1176	-.1384	-.0975	.0016
60.000			.4192	.1768	.0770	-.1173	-.1817	-.2209	-.2209	-.0927	-.0927	.0008	.0314	.0634	
80.000			.4577	.3191	.2181	.1388	.0325	.0169	.0169	-.1287	-.1287	-.0193	-.0097	.0429	
100.000			.5145	.3723	.2990	.1874	.1093	.0509	.0509	-.1467	-.1467	-.2424	-.1698	-.1747	
120.000		.6168	.5361	.3310	.3361	.2121	.1519	.1116	.1116	-.2195	-.2195	-.2015	-.1407	-.1303	
140.000			.4915	.3804	.3182	.2237	.1806	-.0152	-.0152	-.5420	-.5420				
160.000			.3428	.2476	.2067	.1045	.2242								
180.000	.3833	.8623	.1844	.0984	.0739	.0613	.1462	.4189	.4189	-.4934	-.4934	-.2267	-.1927	-.1673	
PHI								.1754	.1754						
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430						

PHI

20.000	-.1449	-.3364	-.5472	-.5283	-.5570	-.4658	-.5402	-.3398	-.3398						
40.000	-.3363	-.3906	-.5574	-.5473	-.5473	-.5227	-.4992	-.2748	-.2748						
60.000	.0056	.1118	.2235	.3554	.3150	.2368	-.3852								
80.000	-.0877	.0318	.2332	.3478	.2262	.1071	-.0770								
100.000			.2703	.3254	.1953	.0547	-.1138								
120.000			.4700	.2517	-.0309	.1215	-.2022	-.2720	-.2720						
140.000	.0195	.1104	-.0535	-.2175	-.2905	-.2545	-.2226	-.2540	-.2540						
160.000	-.0707	.0134	.1175	-.0768	.0099	-.0303	-.1547								
180.000	-.1157	-.0659	-.0127	.2037	.1851	-.0943	-.0850								

BETA (1) = -10.070 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.5581	.2903	.3023	-.0753	.2534	-.3253	-.0859	-.0444	-.0444	-.0597	-.0597	-.0430	-.0149	.0495	.0705
40.000			.3693	.2264	.0450	-.1358	-.1373	-.0760	-.0760	-.0459	-.0459	.0314	.0221	.0363	.2213
60.000			.5316	.2329	.2049	.0500	-.0373	-.0443	-.0443	-.0058	-.0058				
80.000			.5443	.3934	.2373	.1865	.1201	.0326	.0326	-.1050	-.1050				
100.000			.5271	.3762	.3005	.2026	.1203	.0331	.0331	-.1129	-.1129	-.0179	-.0038	.0226	
120.000		.7432	.4739	.3456	.3018	.2459	.1317	.0451	.0451	-.1576	-.1576	-.0802	-.0552	.0266	
140.000			.3911	.2551	.2119	.1516	.0668	.0691	.0691	-.3851	-.3851	-.4389	-.4336	-.4767	
160.000			.1857	.3332	.3721	-.0263	.1343	-.1347	-.1347	-.6538	-.6538	-.2805	-.2066	-.2002	
180.000	.5581	.8360	.0631	-.0004	-.0193	-.0216	.1018	.3189	.3189	-.5311	-.5311	-.2393	-.1939	-.1780	
PHI								.1161	.1161						

(R00809)

DATE 20 OCT 75
TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)
B26C9G15M7F8W116E26V9R5X9 LEFT FUSELAGE

BETA (1) = -10.070 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.0678	-.1056	-.3695	-.3737	-.3828	-.4131	-.5208		
40.000	.0228	-.0120	-.3779	-.3590	-.3530	-.4899	-.5085	-.3607	
70.000	-.0953	.0468	.1699	.3324	.3334	.2509	-.4212	-.2889	
90.000	-.2654	-.0976	.1886	.3316	.2210	-.0893	-.0893		
105.000			.2302	.3181	.1864	.0532	-.1255		
110.000								-.2871	
120.000	-.0829	.0380	.4012	.2357	-.0897	-.1646	-.2414	-.2544	
135.000			-.2384	-.4520	-.4495	-.3794	-.3101		
150.000	-.1540	-.0634	.0339	-.1707	-.0251	-.0611	-.1910		
165.000			-.0711	.1676	.1494	-.1043	-.1110		
180.000	-.1336	-.0857	-.0058						

$$\text{BETA} (1) = -10.060 \quad \text{ALPHA} (4) = 10.090$$

SECTION (1) LEFT FUSELAGE

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.7041	.1385	.4439	.0403	.3346	-.2752	-.0057	.0237			.0092	.0322	.0833	.1724	.2322
20.000			.5105	.3293	.1527	-.0217	.0111	.0263			.0566				
40.000			.6441	.4155	.3346	.1779	.1227	.1004			.1247	.1613	.1577	.2396	.3974
55.000			.5329	.4345	.3249	.1676	.1271	.0482			-.1469				
70.000			.5182	.3403	.2873	.1754	.1070	.0175			-.1467	-.0654	-.0520	-.0660	
90.000		.6244	.3461	.2310	.1997	.1271	.0438	-.0046			-.2055	-.1553	-.1400	-.1250	
120.000			.2388	.1374	.1023	-.0203	-.0980	-.0075			-.5286	-.7636	-.8040	-.8441	
150.000			.0076	-.0680	.1023	-.0203	-.0980	-.2423			-.7542	-.3145	-.2636	-.2797	
180.000									-.7958						
165.000								.2864							
160.000	.7041	.7344	-.0767	-.1116	-.1132	-.0946	.0676	.0382	-.9152		-.5504	-.2407	-.1859	-.1763	

[illegible]

(R00809)

TABULATED PRESSURE DATA FOR NP-AD LSMT TEST 711 (0A69)

DATE 20 OCT 75

B26C9G15M7F8-115E25V8R5X9 LEFT FUSELAGE

BETA (1) = -10.060 ALPHA (5) = 13.190

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP									
X/LB		.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1850	.2050
PHI	.000	.7687	-.0121	.5184	.1143	.3915	-.2444	.0341	.0651		
	.20 000			.5832	.3970	.2839	.0332	.0558	.0888		
	.40 000			.7286	.4745	.3317	.2238	.1894	.1546		
	.60 000			.5916	.4243	.2959	.1334	.1132	.0236		
	.80 000			.5128	.3623	.2385	.1825	.0950	.0544		
	.90 000		.5164	.2554	.1584	.1347	.0444	-.0028	-.0193		
	.95 000			.1727	.0727	.0561	-.0355	-.0271	-.0835		
	.98 000			-.1011	-.1122	-.1602	-.1651	.0503	-.3026		
	.99 000								-.8745		
	.99 000										
X/LB	.7687	.6297	-.1609	-.1760	-.1575	-.1450	.0194		-.9939		
	.6549	.7324	.7878	.8254	.8935	.9262	.9649	1.0037	1.0430		

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP									
X/LB		.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1850	.2050
PHI	.000	.3504	.2604	-.0080	.0126	.0029	-.2265	-.4044	-.1771		
	.20 000	.4173	.3578	-.0133	.0192	.0231	-.3833	-.5032	-.2183		
	.40 000	-.3443	-.0079	.0119	.3241	.3575	.0465	-.2544			
	.60 000	-.5113	-.3397	.1344	.3800	.6205	.1322	-.1344			
	.80 000			.750	.3072	.1788	.0424	.1221			
	.90 000							-.3325			
	.95 000							-.3789			
	.98 000										
	.99 000										
	.99 000										
X/LB	.2452	-.0679	.2395	.2154	-.1850	-.2507	-.3125				
	-.2505	-.1435	-.6013	-.7590	-.7114	-.5776	-.4630				
			-.0492	-.2922	-.1020	-.1493	-.2784				
	-.2082	-.1549	-.0829	-.0069	.0165	-.1365	-.1526				

BETA (1) = -10.050 ALPHA (5) = 16.220

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP									
X/LB		.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1850	.2050
PHI	.000	.8127	-.1359	.9995	.1952	.4313	-.2113	.0736	.1032		
	.20 000			.9931	.4632	.7043	.0355	.1420	.1498		
	.40 000			.7479	.5053	.4372	.2293	.2187	.1780		
	.60 000			.5708	.3914	.2338	.0328	.0335	-.0200		
	.80 000			.4906	.3574	.2899	.2010	.0939	-.0178		
	.90 000		.3800	.1600	.0939	.0651	-.0176	-.0498	-.0761		
	.95 000			.0334	.0236	-.0145	-.2022	-.3765	-.2025		
	.98 000			-.2178	-.2581	-.2712	-.2555	.0047	-.3588		
	.99 000								-.9482		
	.99 000										
X/LB	.8127	.4913	-.2432	-.2388	-.2181	-.1952	-.0028		-.2011		
									-.0412		

AM

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 65

(R00809)

B26C9015M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = -10.050 ALPHA (6) = 16.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.4536	.3696	.1688	.1852	.1768	-.1586	-.3662		-.1171
40.000	.5185	.4572	.1602	.1871	.1879	-.2702	-.4535		-.2086
70.000	-.5909	-.3246	-.0265	.2484	.3519	.1685	-.2278		
90.000	-.6791	-.3752	.0951	.2867	.2114	.1402	-.0698		
105.000			.1617	.2728	.1539	.0522	-.0973		
110.000								-.2654	
120.000	-.2832	-.1137	.3169	.2031	-.1651	-.2288	-.2848	-.3616	
135.000			-.6357	-.8123	-.7618	-.6249	-.5044		
150.000	-.2684	-.1691	-.0607	-.2935	-.1262	-.1701	-.2989		
165.000			-.1147	-.0403	-.0139	-.1064	-.1104		
180.000	-.3633	-.3058	-.1241						

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 67

B26C9G15M7FBH115E26VB8R5X9 LEFT FUSELAGE

(R00910)

BETA (1) = .000 ALPHA (2) = .050

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.4398	.5680	.2553	-.1133	.2938	-.4650	-.0921								
40.000			.2347	-.0703	-.0331	-.3295	-.1328	-.0787			-.0710	-.0515	-.0407	-.0287	-.0392
55.000			.3196	-.0445	.0391	-.1255	-.1455	-.1017			-.0697				
70.000			.2285	.0977	.0387	-.0552	-.1015	-.1368			-.0842	-.0297	-.0435	-.0091	.0900
90.000		.5118	.2104	.1070	.0547	-.0388	-.0935	-.1613			-.2512				
120.000			.2205	.0787	.0470	-.0534	-.0935	-.1700			-.2795	-.1055	-.0518	-.0085	
150.000			.2586	.1604	.1537	.0500	-.0075	-.1777			-.3136	-.1176	-.0584	-.0167	
158.000			.3171	.2119	.1882	.1419	.1930	-.1403			-.3377	-.2079	-.0656	-.0343	
180.000	.4398	.9634	.3210	.2332	.1870	.1764	.3484	-.1922		-.5453	-.4267	-.1249	-.0820	-.0347	
								.3720							
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	.3714	-.4364		-.3906	-.1054	-.0760	-.0354	
PHI								1.0037	1.0430						
20.000	-.1177	-.3381	-.5554	-.5301	-.5478	-.4214	-.5180								
40.000	-.0723	-.1167	-.6331	-.5752	-.5943	-.5253	-.5291	-.2883							
70.000	-.0631	.0189	.1338	.2600	.2435	.1840	.3630	-.2700							
90.000	.0012	.0901	.1362	.2304	.1453	.0578	-.1277								
120.000			.1405	.1654	.0996	-.0039	-.1322								
150.000	-.0339	.0429	.1525	.0869	-.0534	-.1296	.1930	-.3055							
158.000	.0233	.1151	.2603	.0697	-.1317	-.1392	-.1591	-.2341							
180.000	.0245	.0872	.1778	.1741	-.0772	-.2238	-.2303								

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.6010	.4142	.3881	.0023	-.3726	-.2778	-.0034								
40.000			.3524	.0101	-.0245	-.2100	-.0405	.0011			.0139	.0338	.0501	.0920	.1189
55.000			.4074	.1349	.1137	-.0512	-.0402	-.0210			.0084				
70.000			.2729	.1583	.0748	-.0322	-.0624	-.0617			-.0343	.0290	.0211	.0875	.2234
90.000		.4551	.2108	.1144	.0650	-.0053	-.0590	-.1313			-.2742				
120.000			.1987	.1124	.0268	-.0051	-.0435	-.1449			-.2730	-.1302	-.0895	-.0696	
150.000			.1950	.1220	.0078	.0160	-.0185	-.1378			-.3008	-.1483	-.1012	-.0778	
158.000			.2008	.1265	.1045	.0651	.1142	-.1479			-.3711	-.2655	-.1332	-.1169	
180.000	.6010	.9127	.1855	.1177	.0891	.0838	.2827	-.2610		-.6495	-.5223	-.1522	-.0803	-.0620	
								.3184							
X/LB								.2965	-.5883		-.4342	-.1267	-.0897	-.0567	

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TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 7:1 (0A69)

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B26C9G15*7F8W116E26VR5X9 LEFT FUSELAGE

(R00810)

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP				
X/LB		.6549	.7324	.7828	.8254	.8835 .9262 .9649 1.0037 1.0430
PHI						
.000	.0708	-.1359	-.3309	-.3606	-.3700	-.3733 -.4985
40.000	.1420	-.0524	-.4298	-.4004	-.3994	-.4795 -.5077
70.000	-.1738	-.0593	.0619	.2501	.2874	.0825 -.3551
90.000	-.0718	.0463	.0902	.2230	.1578	.0776 -.1420
105.000			.1148	.1564	.1025	.0555 -.1351
110.000						-.3293
120.000	-.1245	-.0246	.1542	.0878	-.1091	-.1705 -.2322
135.000			.2744	-.0186	-.1845	-.1807 -.1919
150.000	-.0198	.0684	.1825	.0158	-.2099	-.1838 -.2192
165.000			.275	.1251	-.1036	-.2463 -.2505
180.000	-.0086	.0506	.1120			

BETA (1) = .000 ALPHA (4) = 10.100

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP									
X/LB		.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050 .2364 .3023 .3798 .4999 .5774
PHI											
.000	.7433	.2242	.5214	.1285	.4545	-.1849	.0846			.0788	.0892 .1118 .1387 .2099 .2661
20.000			.4640	.1567	.0296	-.1052	.0426			.0543	.0753
40.000			.4483	.1823	.1600	-.0360	-.0122			-.0343	-.0302 .0471 .0629 .1593 .3137
55.000			.2659	.1449	.0151	-.0804	-.0865			-.1507	-.3184
70.000			.1842	.0827	.0355	-.0849	-.0765			-.1564	-.2967
90.000	.3352		.0500	.0471	.0364	-.0219	-.0788			-.1514	-.3276
120.000			.0109	.0377	.0274	-.0509	-.0650			-.1509	-.4439
150.000			.0557	.0198	.0094	-.0163	.0991			-.3285	-.6055
165.000											-.7535
180.000	.7433	.7460	.0420	.0005	-.0069	.0083	.2204		.2670	.2267	-.4611
											-.1431
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430		-.0765
PHI											
.000	.2552	.0919	-.1497	-.1218	-.1314	-.2825	-.4240			-.2093	
40.000	.3249	.2330	-.1779	-.1437	-.1488	-.1377	-.4374			-.1541	
70.000	-.2931	-.1451	.0738	.2190	.2749	-.0267	-.2821				
90.000	-.1451	.0082	.0503	.2674	.1516	.0779	-.1742				
105.000			.0805	.1309	.0905	.0008	-.1242				
110.000											
120.000	-.2185	-.0932	.1154	.0651	-.1407	-.2047	-.2594			-.3470	
135.000			.2724	-.0004	-.2109	-.2126	-.2203			-.3236	
150.000	-.0855	-.0045	.1810	-.0504	-.3233	-.2706	-.2734				
165.000			.0900	.1518	-.1030	-.2715	-.2802				
180.000	-.0351	.0182	.0843								

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 826C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE

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(R00810)

BETA (1) = .000 ALPHA (5) = 13.220

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4539	.5774
PHI	.000	.8184	.0976	.6005	.1998	.5076	-.1152	.1323	.1299	.1384	.1608	.1937	.2812	.3475	
20.000			.5253	.2140	.0672	-.0539	.0900	.0999	.0961	.1172	.0498	.0851	.2003	.3711	
40.000			.4949	.1936	.1993	-.0075	-.0122	-.0361	-.0361	-.0442	.0498	.0851	.2003	.3711	
55.000			.2377	.0975	-.0589	.1446	-.1127	-.1943	-.1943	-.3775	-.2232	-.2101	-.2156	-.2270	
70.000			.1934	.0882	.0594	-.0169	-.0919	-.1740	-.1740	-.3238	-.2232	-.2101	-.2156	-.2270	
90.000			.2342	-.0011	-.0433	-.0727	-.1297	-.1822	-.1822	-.3588	-.2416	-.2264	-.4448	-.4159	
120.000			.0022	-.0381	-.0471	-.1133	-.1127	-.1626	-.1626	-.5181	-.5297	-.4448	-.4159	-.4159	
150.000			-.0199	-.0498	-.0555	-.0657	.0575	-.3671	-.3671	-.6561	-.1952	-.1230	-.1390	-.1390	
165.000															
180.000															
PHI	.000	.8184	.5926	-.0459	-.0652	-.0638	-.0363	.1835	-.8003	-.4740	-.1472	-.1031	-.0889		
20.000			.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430					

PHI	.000	.3558	.2277	.0017	.0311	.0282	-.2014	-.3471	-.1614	-.1159					
20.000			.3462	-.0256	-.0028	.0023	-.3230	-.3774							
40.000			-.4176	-.0505	.1702	.0332	-.0654	-.2910							
55.000			-.1793	-.0216	.1508	.1378	.0918	-.1488							
70.000				.0317	.0708	.0614	-.0039	-.1293							
90.000															
110.000															
120.000															
135.000															
150.000															
165.000															
180.000															

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.8771	-.0269	.6722	.2700	.5550	-.0491	.1795	.1788	.1874	.2082	.2472	.3516	.4328	
20.000			.5789	.2783	.0973	.0146	.1392	.1484	.1484	.1589	.0764	.1022	.2347	.4311	
40.000			.5322	.2062	.2274	-.0058	-.0268	-.0577	-.0577	-.0764	.0388	.1022	.2347	.4311	
55.000			.1996	.0230	-.2328	.2537	-.1498	-.2458	-.2458	-.4512	-.2605	-.2699	-.3457	-.3457	
70.000			.1952	.0371	.0622	-.0262	-.1120	-.1988	-.1988	-.3544	-.2906	-.2819	-.2779	-.2779	
90.000			.1318	-.0636	-.1215	.1011	.1546	-.2183	-.2183	-.3900	-.2906	-.2906	-.2779	-.2779	
120.000				-.0820	-.1180	-.1126	-.1831	-.1769	-.1842	-.6141	-.6864	-.6010	-.5140	-.5140	
150.000				-.1142	-.1247	-.1190	-.1170	-.0265	-.4082	-.7007	-.2187	-.1506	-.2292	-.2292	
165.000															
180.000															
PHI	.000	.8771	.4231	-.1327	-.1308	-.1161	-.0792	.1479	-.8754	-.4830	-.1558	-.1077	-.0926		

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(R00810)

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B26C9G:5M7F8W116E26V8R5X3 LEFT FUSELAGE

BETA (1) = .000 ALPHA (6) = 16.240

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP								
X/LB		.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI										
.000	.4514	.3701	.1889	.1937	.1893	.1307	-.2919			-.1352
40.000	.5268	.4630	.1490	.1503	.1547	-.2489	-.3199			-.0623
70.000	-.5652	-.3431	-.0978	.1255	.2822	-.0880	-.5007			
90.000	-.2022	-.0638	-.0998	.1062	.1221	.0841	-.1885			
105.000			-.0583	.0150	.0328	-.0218	-.1456			
110.000									-.2946	
120.000	-.3932	-.2515	.0366	-.0268	-.1339	-.1891	-.2509		-.2623	
135.000			.2831	-.1137	-.2241	-.2446	-.2546			
150.000	-.3058	-.1911	.1950	-.1385	-.4967	-.3082	-.3054			
165.000			.0788	.1876	-.1337	-.3150	-.3280			
180.000	-.0544	-.0092	.0692							

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TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

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(R00B11)

B26C9015MTF04110E26V8P5X9 LEFT FUSELAGE

BETA (1) = 10.030 ALPHA (2) = .030

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.3972	.1559	-.1878	.1903	-.5945	-.1570		-.1394		-.1460	-.1259	-.1161	-.0859	-.1231
20.000			.0471	-.3517	-.5229	-.3157	-.1276		-.11375		-.1388				
40.000			.1160	-.2239	-.1365	-.2740	-.2201		-.2164		-.1905	-.1210	-.1118	-.0586	.0399
55.000			-.1001	-.1324	-.1745	-.2214	-.2294		-.2630		-.3430				
70.000			-.1257	-.1543	-.1651	-.2089	-.2476		-.2980		-.3592	-.1517	-.0867	-.0377	
90.000		.0725	-.1537	-.2174	-.2138	-.2322	-.3090		-.3635		-.4194	-.1656	-.0920	-.0435	
100.000			-.1634	-.2371	-.2131	-.2299	-.2365		-.3060		-.4971	-.2727	-.1159	-.0773	
150.000			.0064	-.0560	-.0556	-.0500	-.1775		-.6249		-.4250	-.2416	-.2032	-.1690	
158.000									-.6980						
160.000															
180.000	.2898	.8490	.2248	.1368	.1152	.0851	.2148	-.0978	-.5494		-.4863	-.2002	-.1759	-.1528	

PHI

X/LB

DEPENDENT VARIABLE CP

X/LB

PAGE 72

PHI

X/LB

DEPENDENT VARIABLE CP

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PAGE 72

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DEPENDENT VARIABLE CP

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(R00B11)

DATE 27 OCT 75

B26C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = 10.050 ALPHA (3) = 5.620

SECTION (1) LEFT FUSELAGE

PHI	X/LB	.6549	.7324	.7020	.0234	.0835	.9262	.9649	1.0037	1.0430
.000		.0362	-.1515	-.3389	-.3800	-.3706	-.4182	-.5724		
40.000		.2087	.1443	-.4080	-.3942	-.3898	-.4644	-.5175		-.3143
70.000		-.2004	-.1219	.0062	.1999	.1852	.0040	-.2793		-.2587
90.000		-.0934	-.0477	-.0086	.1304	.0842	.0217	-.1790		
105.000				-.0176	.0215	.0085	-.0518	-.1357		
110.000									-.3463	
120.000		-.1473	-.0850	-.0374	-.1145	-.1576	-.2016	-.2456	-.3350	
135.000				.1706	-.1313	-.3025	-.2575	-.2415		
150.000		-.0936	-.0162	.1259	-.0121	-.4777	-.3496	-.3239		
165.000				.0649	-.0538	-.4288	-.4518	-.4683		
180.000		-.1312	-.0741	.0129						

BETA (1) = 10.050 ALPHA (4) = 10.120

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DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD SMT TEST 711 (0A69)

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B26C9G15M7F8W116E26V03X9 LEFT FUSELAGE

(R00811)

BETA (1) = 10.050 ALPHA (5) = 13.190

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.6808	-.0959	.5009	.1286	.4412	-.3152	.0949	.0509	.0875	.1385	.2567	.3309	.4092	.3038
20.000	.3001	-.0978	-.2074	-.1218	-.0449	-.3426	-.2959	-.3467	-.4014	-.2902	-.2601	-.2212	-.2686	-.1403	-.1210
40.000	.2109	-.1322	-.3039	-.3732	-.2989	-.2809	-.2644	-.3289	-.4678	-.2856	-.1323	-.1016	-.1210	-.1894	
55.000	-.1934	-.2797	-.4460	-.1503	-.1963	-.2302	-.2142	-.2046	-.16045	-.8133					
70.000	-.1474	-.1742	-.1543	-.1817	-.2046	-.1149									
90.000	-.2290	-.1329	-.1294	-.1464	-.1174										
120.000	-.1752	-.1974	-.1617	-.1370	-.1204	-.0863	-.0731	-.9108							
150.000	-.1638	-.1617	-.1370	-.1370	-.1204	-.0863	-.0731	-.9108							
165.000															
180.000															

X/LB

PHI

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.3473	.2289	.0184	.0255	.0184	-.2298	-.3972	-.1835	-.1370					
20.000	.4620	-.4269	-.0104	-.0008	-.0145	-.3147	-.3711	-.5238	-.2980	-.2590					
40.000	-.3577	-.1971	-.0323	.0979	.1659	-.0700	-.1946	-.1578							
55.000	-.2762	-.2134	-.0968	.0645	.0807	-.0276	-.1946	-.1578							
70.000	-.1774	-.0595	-.0158	-.0415	-.1578										
90.000	-.2534	-.2302	-.1643	-.1878	-.2322										
120.000	-.5553	-.1517	-.3196	-.2852	-.2650										
150.000	-.1618	-.0844	-.4324	-.3290	-.3872										
165.000	-.1467	-.2973	-.4452	-.4558	-.4550										
180.000	-.0768														

BETA (1) = 10.050 ALPHA (6) = 16.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0080	.0230	.0470	.0700	.1124	.1473	.1670	.1860	.2050	.2364	.3023	.3798	.4999	.5774
PHI	.000	.7389	-.2375	.5664	.1915	.4920	-.2689	.1364	.1058	.0916	.1473	.1994	.3297	.4092	.3038
20.000	.3502	-.0509	.1382	.0980	.0807	-.4601	-.4123	-.3592	-.4325	-.4602	-.2715	-.1733	.0394	.3038	
40.000	.2127	-.1137	-.1316	-.3493	-.3592	-.4123	-.3129	-.2922	-.4227	-.4876	-.3359	-.1633	-.1746	-.1201	
55.000	-.2740	-.3543	-.6007	-.4633	-.3626	-.3129	-.2922	-.2922	-.4227	-.4876	-.3359	-.1633	-.1746	-.1201	
70.000	-.1658	-.1698	-.1393	-.1823	-.2484	-.2922	-.2922	-.2922	-.4227	-.4876	-.3359	-.1633	-.1746	-.1201	
90.000	-.2400	-.2686	-.2110	-.2188	-.2526	-.2104	-.2104	-.2104	-.4227	-.4876	-.3359	-.1633	-.1746	-.1201	
120.000	-.2479	-.1883	-.1612	-.2056	-.2104	-.2104	-.2104	-.2104	-.4227	-.4876	-.3359	-.1633	-.1746	-.1201	
150.000	-.2255	-.2163	-.1729	-.1807	-.1146				-.5170	-.1641	-.1044	-.1201			
165.000															
180.000															

X/LB

PHI

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$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (6) = 16.220$$

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
------	-------	-------	-------	-------	-------	-------	-------	--------	--------

PHI

100.000	-.4438	-.3616	-.1918	-.1973	-.1913	-.1516	-.3124	-.1177
40.000	-.5374	-.5103	-.1578	-.1564	-.1522	-.2478	-.3009	-.0785
70.000	-.4503	-.2541	-.0625	-.0506	-.1383	-.0782	-.5362	
90.000	-.3937	-.3618	-.1815	-.0020	-.0524	-.0377	-.1613	
105.000			-.2926	-.1856	-.0779	-.0829	-.1753	
110.000								-.3145
120.000	-.3669	-.2329	-.4728	-.3913	-.1951	-.2126	-.2514	-.2693
135.000			-.5866	-.1543	-.3389	-.3116	-.2895	
150.000	-.1016	-.0144	-.2763	-.0397	-.4972	-.3876	-.4347	
165.000			-.1956	-.2751	-.4203	-.4492	-.4515	
180.000	-.3514	-.3074	-.1182					

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

826C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE (R00B12) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 50.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

BETA (1) = -10.060 ALPHA (1) = -2.980

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
BDFLAP = -14.250 BETA = -10.000

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP					
X/LB		.0078	.0230	.1465	.0698	.1124	.1473
PHI							
.000	.2888	.5143	.1025	-.2226	.1214	-.5318	-.2275
20.000			.1907	.1255	-.0808	-.2617	-.3284
40.000			.3531	.1274	.0184	-.2135	-.2958
55.000			.4150	.2957	.1767	.0925	-.0431
70.000			.5080	.3625	.2833	.1675	.0850
90.000	.8273		.5479	.3819	.3224	.1872	.0995
120.000			.5534	.4345	.3833	.2690	.2310
150.000			.4241	.3273	.2790	.1688	.2732
158.000							
165.000	.2888	.8441	.2493	.1518	.1285	.1076	.1735
180.000							.4605
X/LB	.6549	.7324	.7828	.6254	.8835	.9262	.9649
PHI							
.000	-.1531	-.3180					
40.000	-.4055	-.4495					
70.000	-.0305	-.0358					
90.000	-.0791	.0059	.0663	.1257	-.0105	-.0732	-.1782
105.000			.1194	.0884	-.0436	-.0918	-.1730
110.000							
120.000	-.0157	.0022	.3216	.1220	-.0822	-.0917	-.1447
135.000			.1374	-.0544	-.1327	-.1066	-.2602
150.000	-.0757	.0164	-.0539	-.1148	.0123	-.0594	-.2512
155.000			.0113	.2112	.1244	-.0246	-.2580
180.000	-.1500	-.0986	.0297				

-.4339

-.4723

-.2719
-.3122

-.0952
-.1381

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 77

BETA (1) = -10.070 ALPHA (2) = .020
 826C9C15M7F8W116E26V8R5X9 LEFT FUSELAGE
 (R00812)

SECTION (1) LEFT FUSELAGE

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.3833	.4463	.1713	-.1656	.1713	-.4182	-.1629		-.1279		-.1350	-.1092	-.0931	-.0438	-.0381
40.000			.2552	.1678	-.0366	-.1947	-.2407		-.1866		-.1479				
55.000			.4192	.1768	.0770	-.1173	-.1817		-.2209		-.1726	-.1153	-.1215	-.0612	.0579
70.000			.4577	.3191	.2181	.1388	.0325		-.0099		-.0927				
90.000		.8168	.5146	.3723	.2990	.1874	.1093		.0169		-.1287	.0085	.0247	.0402	
120.000			.5361	.3910	.3361	.2121	.1519		.0509		-.1467	-.0263	-.0211	.0199	
150.000			.4915	.3804	.3182	.2237	.1806		.1116		-.2195	-.2575	-.1978	-.2212	
165.000			.3428	.2476	.2067	.1045	.2242		-.0152		-.3420	-.2136	-.1603	-.1600	
180.000	.3833	.8623	.1844	.0994	.0739	.0613	.1462	.4189		-.5173	-.4934	-.2368	-.2103	-.1963	
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430						

PHI

-.3081
 -.3122

-.0912
 -.1395

BETA (1) = -10.070 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.5581	.2903	.3023	-.0753	.2534	-.3259	-.0859		-.0444		-.0597	-.0362	-.0040	.0816	.1224
40.000			.3863	.2264	.0450	-.1068	-.1373		-.0760		-.0459				
55.000			.5316	.2929	.2048	.0500	-.0373		-.0443		-.0058	.0387	.0363	.1261	.2700
70.000			.5443	.3834	.2973	.1865	.1201		.0326		-.1050				
90.000		.7432	.5271	.3792	.3006	.2026	.1203		.0331		-.1229	-.0244	-.0153	-.0225	
120.000			.4639	.3496	.3018	.2059	.1317		.0451		-.1576	-.0909	-.0718	-.0652	
150.000			.3811	.2561	.2119	.1016	.0668		.0691		-.3851	-.4591	-.4746	-.5380	
165.000			.1857	.0932	.0721	-.0069	.1343		-.1347		-.6538	-.2706	-.2281	-.2330	
180.000	.5581	.8360	.0631	-.0004	-.0193	-.0216	.1018	.3489		-.6650	-.5311	-.2465	-.2100	-.2066	
								.1061	-.7753						

(R00B12)

$$\text{BETA} (1) = -10.060 \quad \text{ALPHA} (5) = 13.190$$

SECTION 1 LEFT FUSELAGE

DEPENDENT VARIABLE CP

PHI	X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
.000		.7687	-.0121	.5184	.1143	.3815	-.2444	.0341	.0661			.0510	.0974	.1575	.2821	.3604
20.000				.5882	.3970	.2239	.0332	.0658	.0888			.1179				
40.000				.7026	.4745	.3917	.2238	.1894	.1546			.1637	.2215	.2312	.3421	.5068
55.000				.5906	.4243	.2959	.1334	.1132	.0236			-.1500				
70.000				.5138	.3623	.2386	.1825	.0950	.0044			-.1623	-.0997	-.0945	-.1256	
90.000		.5164		.2604	.1504	.1347	.0444	-.0028	-.0193			-.2351	-.1697	-.1843	-.2017	
120.000				.1727	.0727	.0501	.0955	-.2271	-.0936			-.6842	-.9778	-1.1057	-1.1920	
150.000			-.1011	-.1428	-.1602	-.1602	-.1861	.0503	-.3026			-.8134	-.3616	-.3340	-.3463	
158.000										-.8745						
165.000																
180.000		.7687	.6297	-.1608	-.1760	-.1675	-.1450	.0194	-.0069	-.9938		-.5558	-.2448	-.2080	-.2312	

PHI

[illegible]
$$\text{BETA} (1) = -10.050 \quad \text{ALPHA} (6) = 16.220$$

SECTION 11 LEFT FUSELAGE

DEPENDENT VARIABLE CP

PHI	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
.000	.8127	-.1358	.5886	.1952	.4313	-.2113	.0736		.1092		.1050	.1541	.2165	.3472	.4317
20.000			.6631	.4632	.3043	.0885	.1420		.1498		.1829				
40.000			.7478	.5053	.2187	.2293	.2187		.1780		.1871	.2535	.2748	.3892	.5613
55.000			.5708	.3914	.2338	.0835	.0835		.0208		-.2071				
70.000			.4955	.3574	.2393	.2010	.0809		-.0179		-.2079	-.1400	-.1441	-.2733	
90.000		.3800	.1692	.0839	.0651	-.0175	-.0489		-.0761		-.2685	-.2290	-.2366	-.2439	
120.000			.0334	.0236	.0145	-.2022	-.3765		-.2025		-.8120	-1.2222	-1.3800	-1.4464	
150.000			-.2079	-.2581	-.2712	-.2556	.0047		-.3583		-.8774	-.3937	-.3652	-.3638	
158.000										-.9482					
165.000															
180.000	.8127	.4913	-.2432	-.2388	-.2181	-.1852	-.0028	-.2011	-1.0762		-.5608	-.2493	-.2137	-.2855	

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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (OAB9)

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(R00812)

B26C9015M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = -10.050 ALPHA (6) = 15.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
40.000	.4939	.4419							
50.000	.5713	.5561							
60.000	-.7170	-.4879							
70.000	-.7336	-.4030	-.0816	.0517	-.0250	-.0479	-.1330		
80.000			.0163	.0856	-.0401	-.0671	-.1315		
90.000									
100.000									
110.000									
120.000	-.3646	-.2426	.3222	.1076	-.2291	-.2132	-.2556		
130.000			-.5945	-.8315	-.6190	-.4775	-.5562		
140.000	-.3183	-.2092	-.1974	-.4089	-.1319	-.1599	-.2791		
150.000			-.1368	-.0596	-.0366	-.0915	-.2552		
160.000	-.4112	-.3412	-.1573						
170.000									
180.000									

-.1764
-.1338-.0444
-.1564

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B26C90:5M7F8W116E26V8P5X9 LEFT FUSELAGE

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(R00B13) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
BOFLAP = -14.250 BETA = .000

BETA () = -.010 ALPHA () = -2.950

SECTION () LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI	.000	.3512	.6454	.1946	.2552	.5824	.1609	.1459	.1712	.1315	.1266	.1034	.0823	.0554	.0712
20.000				.1778	.1134	.4052	.2064								
40.000				.2855	.0075	.2042	.2463								
55.000				.1845	.0652	.1012	.1553								
70.000				.1911	.0907	.0289	.1282								
90.000			.5106	.1917	.0558	.1019	.1439								
120.000				.2880	.1948	.1636	.0062								
150.000				.3741	.2436	.2292	.1847								
165.000								.4025							
180.000								.4161							
X/LB	.3512	.9457	.3940	.2963	.2458	.2259	.3935	.3520							
	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430						

PHI	.000	.1237	.2813	.0665	.0377	.1124	.1373	.2108							
40.000				.0742	.1310	.1670	.1768	.2140							
70.000															
90.000															
105.000															
118.000															
120.000				.1440	.2345	.2290	.2215	.2342							
135.000				.4711	.0585	.2296	.1909	.2544							
150.000				.2724	.0539	.2194	.2308	.3018							
165.000				.1912	.1831	.1298	.2139	.2355							
180.000				.1654											

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

(RD0813)

B25C9G15H7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = .000 ALPHA (2) = .050

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI	.000	.5680	.2563	-.1133	.2938	-.4650	-.0921	-.0787	-.0787	-.0710	-.0443	-.0250	-.0104	.0178	.1325
20.000	.2347	-.0709	-.0981	-.3295	-.1329	-.1017	-.1368	-.1368	-.1368	-.0897	-.0842	-.0325	.0230	.1325	.1325
40.000	.3196	.0445	.0381	-.1265	-.1455	-.1613	-.1613	-.1613	-.1613	-.2512	-.2512	-.0504	-.0346	-.0428	-.0638
55.000	.2285	.0977	.0387	-.0552	-.1015	-.1700	-.1700	-.1700	-.1700	-.2795	-.2795	-.0710	-.0638	-.0618	-.0618
70.000	.2104	.1070	.0547	-.0398	-.0635	-.1040	-.1040	-.1040	-.1040	-.3136	-.3136	-.0793	-.0770	-.0770	-.0770
90.000	.2225	.0787	.0470	-.0594	-.1040	-.1403	-.1403	-.1403	-.1403	-.4267	-.4267	-.0770	-.0770	-.0770	-.0770
120.000	.2580	.1174	.1537	.0520	-.0035	-.1922	-.1922	-.1922	-.1922	-.5453	-.5453	-.0913	-.0913	-.0913	-.0913
150.000	.3171	.2119	.1882	.1419	.1930										
158.000															
165.000															
180.000	.4398	.9634	.3210	.2332	.1870	.1764	.3484	.3714	.4364	-.3906	-.1169	-.0913	-.0913	-.0913	-.0913

SECTION (2) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI	.000	.1857	.1216	-.1913	.2166	-.2015	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151
20.000	.0444	.0040	-.0833	-.0441	-.1138	-.1424	-.2159	-.2159	-.2159	-.2159	-.2159	-.2159	-.2159	-.2159	-.2159
40.000	.1770	-.1911	-.0940	-.1504	-.1732	-.1751	-.2130	-.2130	-.2130	-.2130	-.2130	-.2130	-.2130	-.2130	-.2130
50.000	-.0730	-.0294													
105.000															
110.000															
120.000	-.1365	-.1309	-.1216	-.1913	.2166	-.2015	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151	-.2151
135.000															
150.000	-.0311	.0576	.2215	.0280	-.2324	-.2391	-.3000	-.3000	-.3000	-.3000	-.3000	-.3000	-.3000	-.3000	-.3000
165.000															
180.000	-.0235	.0407	.1351	.1534	-.1513	-.2246	-.2347	-.2347	-.2347	-.2347	-.2347	-.2347	-.2347	-.2347	-.2347

BETA (1) = .000 ALPHA (3) = 5.030

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI	.000	.4142	.3981	.0023	.3726	-.2778	-.0034	.0011	.0011	.0011	.0138	.0399	.0653	.1289	.1673
20.000	.3524	.0401	.3524	-.0245	-.2100	-.0402	-.0402	-.0402	-.0402	-.0402	-.0402	-.0402	-.0402	-.0402	-.0402
40.000	.4574	.1349	.4574	.1137	-.0512	-.0624	-.0624	-.0624	-.0624	-.0624	-.0624	-.0624	-.0624	-.0624	-.0624
55.000	.2729	.1563	.2729	.0749	-.0322	-.0690	-.0690	-.0690	-.0690	-.0690	-.0690	-.0690	-.0690	-.0690	-.0690
70.000	.2108	.1144	.2108	.0650	-.0063	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435
90.000	.1997	.1124	.1997	.0658	-.0063	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435	-.0435
120.000	.1550	.1220	.1550	.1378	.0160	-.0185	-.0185	-.0185	-.0185	-.0185	-.0185	-.0185	-.0185	-.0185	-.0185
150.000	.2008	.1266	.2008	.1045	.0691	.1412	.1412	.1412	.1412	.1412	.1412	.1412	.1412	.1412	.1412
158.000															
165.000															
180.000	.6010	.9127	.1856	.1177	.0991	.0898	.2827	.3184	.2965	-.4342	-.1369	-.1043	-.1043	-.1043	-.1043

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TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

BETA (1) = .000 ALPHA (3) = 5.030
B26C9315M7F8H115E26V8P5X9 LEFT FUSELAGE (RO0813)

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SECTION (1) LEFT FUSELAGE

X/LB	PHI	DEPENDENT VARIABLE CP
.6549	.7324	.7828 .8254 .8835 .9262 .9649 1.0037 1.0430
.000	.000	.000
.1612	.0069	
.2285	.1661	
.2883	.2519	
.3434	.3555	
.4000		
.4500		
.5000		
.5500		
.6000		
.6500		
.7000		
.7500		
.8000		
.8500		
.9000		
.9500		
1.0000		
1.0500		
1.1000		
1.1500		
1.2000		
1.2500		
1.3000		
1.3500		
1.4000		
1.4500		
1.5000		
1.5500		
1.6000		
1.6500		
1.7000		
1.7500		
1.8000		
1.8500		
1.9000		
1.9500		
2.0000		

BETA (1) = .000 ALPHA (4) = 10.100

SECTION (1) LEFT FUSELAGE

X/LB	PHI	DEPENDENT VARIABLE CP
.0000	.0078	.0230 .0465 .0698 .1124 .1473 .1667 .1860 .2054 .2364 .3023 .3798 .4999 .5774
.7433	.2242	
.000		
.20.000		
.40.000		
.60.000		
.80.000		
.100.000		
.120.000		
.140.000		
.160.000		
.180.000		
.200.000		
.220.000		
.240.000		
.260.000		
.280.000		
.300.000		
.320.000		
.340.000		
.360.000		
.380.000		
.400.000		
.420.000		
.440.000		
.460.000		
.480.000		
.500.000		
.520.000		
.540.000		
.560.000		
.580.000		
.600.000		
.620.000		
.640.000		
.660.000		
.680.000		
.700.000		
.720.000		
.740.000		
.760.000		
.780.000		
.800.000		
.820.000		
.840.000		
.860.000		
.880.000		
.900.000		
.920.000		
.940.000		
.960.000		
.980.000		
1.000.000		

SECTION (1) LEFT FUSELAGE

X/LB	PHI	DEPENDENT VARIABLE CP
.6549	.7324	.7828 .8254 .8835 .9262 .9649 1.0037 1.0430
.000	.000	.000
.1612	.0069	
.2285	.1661	
.2883	.2519	
.3434	.3555	
.4000		
.4500		
.5000		
.5500		
.6000		
.6500		
.7000		
.7500		
.8000		
.8500		
.9000		
.9500		
1.0000		
1.0500		
1.1000		
1.1500		
1.2000		
1.2500		
1.3000		
1.3500		
1.4000		
1.4500		
1.5000		
1.5500		
1.6000		
1.6500		
1.7000		
1.7500		
1.8000		
1.8500		
1.9000		
1.9500		
2.0000		

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

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(R00813)

BETA (1) = .000 ALPHA (5) = .13.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI	.000	.8184	.0976	.6005	.1998	.5076	-.1152	.1323	.1299	.0999	.1384	.1680	.2088	.3185	.3975
20 000				.5253	.2140	.0672	-.0539	.0900	.0999		.1172				
40 000				.4949	.1916	.0593	-.0075	-.0182	-.0361		-.0442	.0524	.0943	.2233	.4012
55 000				.2377	.0975	-.0589	-.1446	-.1127	-.1943		-.3775				
70 000				.1934	.0882	.0594	-.0188	-.0319	-.1740		-.3238	-.2315	-.2252	-.2548	
90 000				.0011	-.0433	-.0311	-.0727	-.1297	-.1822		-.3588	-.2520	-.2446	-.2624	
120 000				.0022	-.0381	-.0471	-.1133	-.1127	-.1626		-.5181	-.5592	-.4837	-.4769	
150 000				-.0199	-.0498	-.0555	-.0657	.0575	-.3671		-.6561	-.2083	-.1413	-.1713	
165 000															
180 000															
PHI	.000	.5926	-.0459	-.0652	-.0638	-.0363	.1835	.2334	.1859	-.8003	-.4740	-.1565	-.1202	-.1141	
X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430						

PHI

-.2048
-.1529

.000	.4215	.3403													
20 000	.5002	.4367													
40 000	.5314	.4556													
55 000	.2400	-.1172													
70 000															
90 000															
120 000															
150 000															
165 000															
180 000															

BETA (1) = .000 ALPHA (5) = .16.240

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI	.000	.3771	-.0269	.6722	.2700	.9550	-.0491	.1795	.1788		.1874	.2172	.2632	.3861	.4765
20 000				.5789	.2769	.0973	.0145	.1392	.1484		.1589				
40 000				.5322	.2082	.2274	-.0058	-.0268	-.0577		-.0764	.0443	.1095	.2537	.4579
55 000				.1536	.0230	-.2028	-.2537	-.1498	-.2458		-.4512				
70 000				.1862	.0971	.0622	-.0262	-.1120	-.1988		-.3544	-.2852	-.2897	-.3981	
90 000				-.0636	-.1215	-.1011	-.1546	-.1914	-.2183		-.3900	-.2969	-.3042	-.3183	
120 000				-.0820	-.1180	-.1106	-.1831	-.1769	-.1842		-.6141	-.7153	-.6491	-.5886	
150 000				-.1142	-.1247	-.1190	-.1170	.0265	-.1082		-.7007	-.2296	-.1736	-.2663	
165 000															
180 000															
PHI	.8771	.4231	-.1327	-.1308	-.1161	-.0762	.1479	.2042	.1489	-.8754	-.4830	-.1642	-.1294	-.1228	

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NPLAC LSMT TEST 711 (0A69)

PAGE 85

(R00813)

BETA (1) = .000 ALPHA (6) = .51240

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7829	.8254	.8835	.9252	.9549	1.0037	1.0430
PHI									
60.000	.5119	.4647							
70.000	.5861	.5415							
80.000	.6870	.6593							
90.000	.7843	.7623							
100.000			-.3205	-.2555	-.2151	-.2073	-.2279		
110.000			-.3342	-.3221	-.2442	-.2111	-.2160		
120.000	-.5009	-.4112	-.1860	-.2084	-.2309	-.1949	-.2015	-.1005	
130.000			.3671	-.2128	-.2109	-.2443	-.2728	-.1452	
140.000	-.3643	-.2290	.1807	-.0586	-.1101	-.2707	-.3053		
150.000			.0843	.11672	.2050	-.2411	-.2358		
160.000	-.0969	-.0401	.0664						

-.1630
-.0877

B26C9G1547F8W: 16E26VER5X9 LEFT FUSELAGE

(R00814) (03 OCT 73)

REFERENCE DATA

SREF	•	4.120	SO. FT.	•	33.9580	INCHES
REF	•	19.2300	INCHES	•	0.000	INCHES
REF	•	37.5360	INCHES	•	18.2000	INCHES
SCALE	•	10405	SCALE	•		

PARAMETRIC DATA

ELFVON	=	.000	RUDDER	=	-15.000
ROFLAP	=	-14.250	BETA	=	10.000

BETA ()	•	10 050	ALPHA ()	•	-2.970
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SECTION 1 - LEFT FUSELAGE

DEPENDENT VARIABLE CP

[illegible]

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 7.1 (0A69)

PAGE 87

B25C9G15M7F8M116E26V8R5X9 LEFT FUSELAGE

(R0Q814)

BETA (1) = 10.060 ALPHA (2) = .030

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.2898	.3972	.1559	-.1878	.1933	-.5945	-.1570		-.1394		-.1460	-.1207	-.1005	-.0483	-.0556
20.000			.0471	-.3517	-.5229	-.3157	-.1276		-.1375		-.1388	-.1210	-.1038	-.0389	.0800
40.000			.1150	-.2239	-.1196	-.2740	-.2201		-.2164		-.1905	-.1210	-.1038	-.0389	.0800
55.000			.1001	-.1324	-.1745	-.2214	-.2294		-.2630		-.3430	-.1591	-.0961	-.0639	
70.000			.1257	-.1543	-.1651	-.2083	-.2476		-.2980		-.3592	-.1752	-.1025	-.0698	
90.000	.0725		-.1257	-.2374	-.2108	-.2922	-.3090		-.3635		-.4194	-.2815	-.1243	-.1007	
120.000			-.1537	-.2374	-.2108	-.2922	-.3090		-.3635		-.4194	-.2815	-.1243	-.1007	
150.000			-.0844	-.11431	-.1391	-.2299	-.2365		-.3660		-.4250	-.2499	-.2115	-.1890	
165.000			.0064	-.0680	-.0556	-.0900	-.1775		-.6240						
180.000															
PHI															
.000	.2898	.9490	.2248	.1368	.1152	.0851	.2148	-.0978	-.5494		-.4863	-.2129	-.1916	-1815	
20.000								.1926							
40.000															
55.000															
70.000															
90.000															
120.000															
150.000															
165.000															
180.000															
X/LB	.6549	.724	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430						

-.6980

PHI

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.4616	.2473	.2934	-.0633	.2870	-.4703	-.0537		-.0683		-.0712	-.0419	-.0075	.0872	.1273
20.000			.1419	-.2350	-.3956	-.2340	-.0541		-.0570		-.0741	-.1240	-.0847	-.0089	.1868
40.000			.1804	-.1955	-.0911	-.2333	-.2053		-.2161		-.2221	-.1240	-.0847	-.0089	.1868
55.000			.0959	-.1319	-.2251	-.2202	-.2202		-.2555		-.3746	-.1827	-.1404	-.1485	
70.000			.1323	-.1435	-.1479	-.1772	-.2149		-.2646		-.3479	-.1812	-.1222	-.1308	
90.000	.0542		-.1091	-.1564	-.1472	-.2123	-.2152		-.2856		-.3812	-.2290	-.0936	-.0994	
120.000			-.0959	-.1177	-.1053	-.1958	-.2230		-.3607		-.4549	-.2058	-.1502	-.1381	
150.000			-.0875	-.1138	-.0928	-.1257	-.1435		-.6169		-.4470	-.2058	-.1502	-.1381	
165.000															
180.000															
PHI															
.000	.4616	.9160	.0843	.0182	.0147	.0024	.1658	-.0860	-.6932		-.5202	-.2261	-.1996	-.1913	
20.000								.1222							
40.000															
55.000															
70.000															
90.000															
120.000															
150.000															
165.000															
180.000															
X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

BETA (1) = 10.050 ALPHA (5) = 13.190

B25C9G1547F8W116E26V8R5X9 LEFT FUSELAGE

(RDOE:4)

PAGE 89

SECTION : LEFT FUSELAGE

DEPENDENT VARIABLE CP

SECTION : 11LEFT FUSELAGE		DEPENDENT VARIABLE CP	
X1/B	.0000	.0230	.0465
		.1124	.1473
		.1567	.1860
		.2054	.2364
		.3023	.3798
		.4999	.5774

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PHI	.6808	-.0959	.5009	.1286	.4412	-.3152	.0949	.0509	.0986	.1579	.2886	.3741
.000			.5009	.1286	.4412	-.3152	.0949	.0509	.0986	.1579	.2886	.3741
20.000			.3001	-.0978	-.2074	.1218	.0449	.0181				
40.000			.2109	-.1322	-.0903	.3039	-.2959	-.3426				
55.000			.1934	-.1797	.4460	-.3752	.2989	-.3467				
70.000			-.1474	.1742	-.1503	.1953	.2302	-.2809				
90.000	-.1481		-.2290	.1929	.1543	.1817	.2142	-.2544				
120.000			.1752	.1436	.1294	.1847	.2046	-.3289				
150.000			.1638	.1974	-.1464	-.1674	-.1149	-.6045				
158.000								-.8133				

- .8133

871X

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI	.000	.4100	.3329						- .1893
	40.000	.5152	.4899						- .1324

1893
1324

1845
2527

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (6) = 16.220$$

BETA (1) = 10.050 ALPHA (6) = 16.220				
SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP		
X/18	.0000	.0076	.0230	.0455
			.1124	.1473
			.1667	.1860
			.2054	.2364
			.3023	.3798
			.4999	.5774

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PHI	CO2	.7389	-.2375	.5064	.1915	.4920	-.2669	.1364	.1058	.0916	.1566	.2169	.3569	.4496
20.000	.3509			-.0509		-.1302	-.0980	.0807	.0378	-.0146				
40.000	.2127			-.1137		-.1316	-.3493	-.3592	-.4601	-.4602	-.2871	-.1736	.0491	.3298
55.000	.2742			.3643		.6007	.4633	.3626	.4123	.5778				
70.000	.1658			.1608		.1393	.1823	.2484	.3129	.4325	-.3707	-.3773	-.6222	
90.000	.2400		-.2648	.2695		.2110	.2188	.2526	.2332	.4227	-.3286	-.2964	-.3883	
120.000	.2479			.1993		.1613	.2056	.2104	.3230	.4876	-.3636	-.1868	-.2025	
150.000	.2255			.2163		.1729	.1807	.1146	.6152	.5170	-.1790	-.1205	-.1120	
180.000									-.8345					

-.8345

	.7389	.4079	-.2430	-.2271	-.1303	-.1601	.0613	-.0110	-.9876
								-.0939	
158-000									
165-000									
169-000									

- .9876

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 20 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

(R00B14)

B26C9015M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = 10.050 ALPHA (6) = 15.220

SECTION (1) LEFT FUSELAGE		DEPENDENT VARIABLE CP								
X/LB		.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI										
40.000	.4925		.4425							
50.000	.5712		.5502							
60.000	.5984		.5244							
70.000	.5002		.5577							
80.000										
90.000										
100.000										
110.000										
120.000	.4862		.4234							
130.000										
140.000										
150.000	.1479		.0673							
160.000										
170.000										
180.000	.4056		.3808							
					</					

-.1347
-.0812

-.1824
-.2589

-.4661
-.6374
-.4293
-.6713
-.3341
-.3677
-.2859
-.2883
-.2692
-.2728
-.8080
-.5399
-.1983
-.1959
-.1505
-.4784
-.4496
-.5149
-.5615
-.3925
-.3581
-.4560
-.3873
-.3625
-.3500
-.4464
-.2644

STABULATED PRESSURE DATA FOR NRLAD LSAT TEST 711 (0A69)

PAGE 9:
(RQCB15) (03 OCT 75

REFERENCE DATA

5K2P	4.4120	50. FT.	XRP	33.9580	INCHES
1REF	19.2300	INCHES	YRP	30.00	INCHES
8REF	37.9360	INCHES	ZRP	15.9000	INCHES
SCALE	.0405	SCALE			

PARAMETRIC DATA

ELEVON	=	.000	RUDDER	=	-7.500
BDFLAP	=	-14.250	BETA	=	-10.000

BETA (I) = -10.060 ALPHA (!) = -2.980

DEPENDENT VARIABLE CP

SECTION (1) LEFT FUSELAGE

[illegible]

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 92

826C9G15M7F8W16E26V8R5X9 LEFT FUSELAGE

(R0QB15)

$$\text{BETA} (1) = -10.070 \quad \text{ALPHA} (2) = .020$$

SECTION 1: LEFT FUSELAGE

DEPENDENT VARIABLE CP

[illegible]
$$\Delta T_A(1) = -10.070 \quad \Delta T_A(3) = 5.020$$

SECTION 1 (LEFT) FUSELAGE

DEPENDENT VARIABLE CP

	0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.5581	.2903	.3023	-.0753	.2934	-.3259	-.0859	-.0444	-.0597	-.0362	-.0040	-.0362	-.0040	.0816	.1224
.010			.3953	.2254	.0450	-.1088	-.1373	-.0760	-.0459	-.0058		.0387	.0363	.1261	.2700
.020			.5316	.2929	.0548	-.0500	-.0373	-.0433	-.0058						
.030			.5443	.3334	.0673	.1855	.1201	.0326	-.1050						
.040			.5271	.3732	.0906	.2026	.1203	.0331	-.1229	-.0244	-.0153	-.0244	-.0153	-.0225	
.050		.7432	.4539	.3406	.3318	.2058	.1317	.0451	-.1576	-.0909	-.0718	-.0909	-.0718	-.0652	
.060			.3911	.3551	.3119	.1016	.0658	.0631	-.3851	-.4591	-.4746	-.4591	-.4746	-.5380	
.070			.1957	.3932	.3721	-.0069	.1343	-.1347	-.6538	-.2706	-.2281	-.2706	-.2281	-.2330	
.080									-.6650						
.090															
.100															
.110															
.120															
.130															
.140															
.150															
.160															
.170															
.180															
.190															
.200	.5581	.8360	.9631	-.0004	-.0193	-.2116	.1018	.7489	-.5311	-.2465	-.2100	-.2465	-.2100	-.2066	
.210								.1061	-.7753						

DATE 20 OCT 75

B25C9G1547F84116E26V8R5X9 LEFT FUSELAGE (R00815)

BETA (1) = -10.073 ALPHA (3) = 5.320

SECTION () LEFT FUSELAGE

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
X/LB	.6549	.7324	.7828	.8254	.8835	.9252	.9649	1.0037	1.0430																																																																																																						

[illegible]
$$\text{BETA} (1) = -10.050 \quad \text{ALPHA} (4) = 10.090$$
SECTION (1) LEFT FUSELAGE
DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.7041	.1085	.4439	.0403	.3346	-.2752	-.0057	.0237	.0092	.0092	.0092	.0434	.0956	.2117	.2755
20.000			.5105	.3293	.1527	-.0217	.0111	.0263	.0266	.0266	.0266				
40.000			.6441	.4155	.3346	.1779	.1227	.1004	.1004	.1004	.1004	.1699	.1695	.2759	.4324
55.000			.5923	.4346	.3249	.1676	.1271	.0482	.0482	.0482	.0482				
70.000			.5182	.3493	.1754	.1070	.1070	.0175	.0175	.0175	.0175	-.0659	-.0593	-.0906	
90.000	.6244		.3461	.2310	.1937	.1271	.0438	.0046	.0046	.0046	.0046	-.1600	-.1537	-.1526	
120.000			.2298	.1374	.1023	.0323	-.0980	.0075	.0075	.0075	.0075	-.7799	-.8385	-.9415	
150.000			.0076	-.0630	-.0877	-.1016	.0879	-.2423	-.2423	-.2423	-.2423	-.3210	-.2852	-.3178	
158.000										-.7958					

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9549	1.0037
PHI								
000	.3257	.2181						
40.000	.3746	.3354						
70.000	-.3239	-.1971						
90.000	-.5514	-.3007						
105.000			.0002	.1342	.0095	-.0448	-.1432	
110.000			.0609	.1397	-.0093	-.0654	-.1465	
120.000		-.1670	.3227	.1157	-.2171	-.2071	-.2572	-.0940
135.000			-.4985	-.6833	-.4805	-.3402	-.4725	-.1719
150.000	-.2812	-.1740	-.2893	-.3812	-.0578	-.1048	-.2572	
165.000			-.1084	.0634		-.0252	-.2616	
180.000	-.2031	-.1531	-.0694		.0130			

(R00815)

82EC9G15M7F8W16E26V8R5X9 LEFT FUSELAGE

$$\text{BETA} (1) = -10.060 \quad \text{ALPHA} (5) = 13.190$$

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.7687	-.0121	.5184	.1143	.3815	-.2444	.0341	.0661			.0510	.0974	.1575	.2821	.3604
40.000			.5982	.3970	.2239	.0332	.0658	.0888			.1179				
60.000			.7026	.4745	.3917	.2338	.1894	.1546			.1637	.2215	.2312	.3421	.5068
80.000			.5905	.4243	.2959	.1132	.0236	.0236			-.1500				
100.000			.5138	.3623	.2686	.1825	.0950	.0044			-.1623	-.0997	-.0945	-.1256	
120.000	.5164		.2664	.1504	.1347	.0444	-.0028	-.0193			-.2351	.1597	.1843	-.2017	
140.000			.1727	.0727	.0501	-.0955	-.0271	-.0836			-.6842	-.11057	-.11057	-.11920	
160.000			-.1011	-.1428	-.1502	-.1861	.0503	-.3026			-.8134	-.3616	-.3340	-.3463	
180.000	.7687	.6297	-.1608	-.1760	-.1675	-.1450	.0194	-.0059	-.3938		-.5558	-.2448	-.2080	-.2312	
200.000	.6549	.7324	.7928	.8254	.8835	.9262	.9649	1.0037	1.0430						

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[illegible]

GETA (1) = -10.050 AL

026

SECTION (LEFT FUSELAGE	DEPENDENT VARIABLE CP													
	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2354	.3023	.3798	.4999	.5774
PHI															
.000	.8127	-.1358	.5886	.1952	.4313	-.2113	.0735		.1092		.1050	.1541	.2165	.3472	.4317
20.000			.6631	.4692	.3043	.0895	.1420		.1498		.1829				
40.000			.7478	.5052	.3372	.2197			.1780		.1871	.2535	.2748	.3892	.5613
55.000			.5028	.3814	.2339	.0828	.0835		-.0208		-.2071				
70.000			.4456	.3574	.2349	.2310	.0809		-.0178		-.2079	-.1400	-.1441	-.2733	
90.000	.3800		.1680	.0938	.0651	-.0176	-.0498		.0761		-.2685	-.2290	-.2366	-.2439	
120.000			.0394	.0236	.0145	-.2022	-.3765		-.2025		-.8120	-1.2222	-1.3800	-1.4464	
150.000			-.2078	-.2581	-.2712	-.2556	.0047		-.3588		-.6774	-.3937	-.3652	-.3638	
168.000										-.9482					
180.000	.8127	.4913	-.2432	-.2388	-.2181	-.1452	-.0028	-.2011	-.0762		-.5608	-.2493	-.2137	-.2855	

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 95

(R00815)

REFC0015W7F9W115E26V895X9 LEFT FUSELAGE

BETA () = -10.050 ALPHA () = 16.220

SECTION () LEFT FUSELAGE

DEPENDENT VARIABLE CP

VALB	.6549	.7324	.7829	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.4939	.4419							-.1741
40.000	.5713	.5561							-.1327
70.000	-.7170	-.4879							
90.000	-.7736	-.4033	-.0782	.0530	-.0238	-.0479	-.1302		
105.000			.0192	.0833	-.0359	-.0641	-.1275		
120.000			.3194	.1395	-.0206	-.0291	-.02512		-.0672
135.000			-.6063	-.8372	-.6216	-.4619	-.5488		-.1582
150.000	-.3183	-.2092	-.2050	-.4155	-.1163	-.1481	-.2771		
165.000			-.1355	-.0820	-.0270	-.0784	-.2531		
180.000	-.4412	-.3412	-.1530						

DATE 20 OCT 75
 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)
 B26C9315M7F8W16E26V8R5Y9 LEFT FUSELAGE

(R00816) (03 OCT 75)

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BDFLAP = -14.250 BETA = .000

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
 LREF = 19.2300 INCHES YMRP = 9.0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

SECTION (1) LEFT FUSELAGE

X/LB	0.000	.0078	.0230	.0455	.0698	.1124	.1473	.1667	.1850	.2054	.2364	.3023	.3798	.4999	.5774
PHI	.000	.3512	.6454	.1946	.1778	.1620	.2552	.5824	.1609	.1459	.1315	.1034	.0823	.0564	.0712
20.000				.2955	.2875	.1194	.1550	.4052	.2064	.1712	.1266	.0926	.0938	.0505	.0466
40.000				.1845	.1852	.0075	.0122	.12042	.2463	.2037	.1568	.2563			
60.000				.1911	.1927	.0007	.0057	.11012	.1653	.2075	.2974	.1081	.0442	.0009	
80.000				.1917	.1917	.0009	.0089	.10576	.1292	.2292	.3371	.1236	.0505	.0139	
100.000				.2530	.2530	.0009	.0133	.1219	.1439	.1361	.3349	.2229	.0760	.0439	
120.000				.3741	.3741	.2435	.2232	.1547	.2229	.1574	.3721	.1198	.0660	.0446	
140.000															
160.000															
180.000															
X/LB	.3512	.9457	.3940	.2963	.2458	.2259	.3835	.4161	.3520						
	.6549	.7334	.7828	.8254	.8935	.9262	.9649	1.0037	1.0430						

PHI

0.000	.1237	.2813													
20.000	.0394	.1124													
40.000	.1055	.1404													
60.000	.1048	.1282													
80.000			.0638	.0715	.0309	.1053	.1303	.2052							
100.000					.1234	.1563	.1679	.2084							
120.000					.2220	.2095	.2091	.2330							
140.000					.1404	.1210	.1845	.2482							
160.000					.2582	.2666	.2178	.2908							
180.000					.1884	.1924	.2009	.2278							
	.0006	.0666	.1638												

- 2468
 -.2652

- .1648
 -.2075

BASE - ALSO PROCESS DATA FOR NPLAD LSWT TEST 711 (OAF59)

6X58V8R5X9 LEFT FUSELAGE

(R00B16)

ALPHA (2) = .00

SECTION / SUBJECT ELSE: AGE

[illegible]

11

[illegible][illegible]

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

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(R00816)

B2C0901547F8116E26V8R5X9 LEFT FUSELAGE

BETA (1) = .000 ALPHA (3) = 5.000

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
000	.1612	.0069							
20 000	.2286	.1561							
40 000	-.2889	-.2619							
60 000	-.1434	-.0555							
80 000			-.1087	-.0478	-.1136	-.1370	-.1915		
100 000			-.0948	-.1073	-.1555	-.1650	-.1990		
120 000								-.1115	
140 000	-.2278	-.1931	-.0747	-.1298	-.2030	-.1840	-.2043	-.1661	
160 000			.3166	-.0816	-.2354	-.1957	-.2470		
180 000	-.0732	.0140	.1512	-.0246	-.2488	-.2333	-.2803		
			.1691	.1073	-.1859	-.2194	-.2226		
			.0942						

BETA (1) = .000 ALPHA (4) = 10.100

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0079	.0230	.0465	.0698	.1124	.1473	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI														
000	.7433	.2242	.5214	.1285	.4545	-.1849	.0846							
20 000			.4640	.1557	.3296	-.1052	.0426	.0788						
40 000			.4493	.1823	.1600	-.0122		.0543						
60 000			.2559	.1449	.0151	-.0804	-.0866	-.0343						
80 000			.1540	.0827	.0566	-.0249	-.0786	-.1567						
100 000		.3352	.0900	.0471	.0384	-.0239	-.0788	-.1564						
120 000			.0938	.0374	.0274	-.0509	-.0650	-.1514						
140 000			.0557	.0193	.0094	-.0163	.0691	-.3295						
160 000									-.7535					
180 000								.2670						

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
000	.3258	.2136							
20 000	.3975	.3253							
40 000	-.4103	-.3559							
60 000	-.2101	-.0847							
80 000			-.1548	-.0793	-.1275	-.1396	-.1832		
100 000			-.1305	-.1339	-.1580	-.1634	-.1912		
120 000								-.1064	
140 000	-.3199	-.2571	-.0767	-.1259	-.2113	-.1895	-.2085	-.1599	
160 000			.2878	-.1223	-.2481	-.2047	-.2483		
180 000	-.1395	-.0603	.1739	-.0524	-.3107	-.2678	-.2946		
			.0814	.1345	-.2048	-.2191	-.2150		
			.0239						

DATE 20 OCT 75

TABULATED PRESSURE DATA FOR NP-AD LSW TEST 7.1 (0469)

PAGE 99

B2659015WTF8W116E26X8R5X9 LEFT FUSELAGE

(R00816)

BETA () = .000 ALPHA () = 13.220

SECTION () LEFT FUSELAGE

DEPENDENT VARIABLE CP

Y/B	.000	.0078	.0230	.0405	.0639	.1124	.1473	.1667	.1860	.2054	.2354	.3023	.3798	.4999	.5774
PHI	000	.0376	.6005	.1908	.6076	-.1152	.1323		.1299		.1384	.1680	.2088	.3185	.3975
20.000		.5253	.2140	.0572	-.0539	-.0920		.0939		.1172					
40.000		.4949	.1936	.1933	-.0075	-.0122		-.0361		-.0432		.0524	.0943	.2233	.4012
60.000		.2377	.0975	-.0599	-.1446	-.1127		-.1943		-.3775		-.2315	-.2252	-.2548	
80.000		.1934	.0682	-.0594	-.0188	-.0919		-.1740		-.3238		-.2520	-.2445	-.2624	
100.000		.2342	-.0011	-.1433	-.0311	-.0727		-.1297		-.3568		-.5581	-.4937	-.4159	
120.000		.0702	-.0702	-.1361	-.0471	-.1133		-.1127		-.6225		-.6551	-.1413	-.1713	
140.000		-.0199	-.1049	-.0545	-.0657	.0575		-.3671		-.8091					
160.000								.2334				-.1565	-.1202	-.1141	
180.000		.8184	.5926	-.0459	-.0638	-.0363	.1835	.1859	-.8003		-.4740				
PHI	000	.7324	.7819	.8264	.5935	.9262	.9649	1.0037	1.0430						

PHI	000	.4215	.3403												
20.000		.5002	.4367												
40.000		-.5314	-.4456												
60.000		-.2400	-.1172												
80.000				-.2214	-.1442	-.1511	-.1671	-.2041							
100.000				-.2041	-.2212	-.1821	-.1789	-.2325							
120.000								-.1144							
140.000								-.1578							
160.000															
180.000															

BETA () = .000 ALPHA () = 16.240

SECTION () LEFT FUSELAGE

DEPENDENT VARIABLE CP

Y/B	.000	.0078	.0230	.0405	.0639	.1124	.1473	.1667	.1860	.2054	.2354	.3023	.3798	.4999	.5774
PHI	000	.8771	.8269	.6722	.2700	.5550	-.0491	.1795		.1798	.1874	.2172	.2632	.3061	.4765
20.000			.5709	.2703	.0973	.0146	.1322		.1484		.1589				
40.000			.6102	.2703	.2274	-.0059	-.0258		-.0577		-.0764	.0443	.1095	.2537	.4579
60.000			.1948	.0930	-.2028	-.2537	-.1498		-.2458		-.4512				
80.000			.1852	.0947	.0622	-.0202	-.1120		-.1988		-.3544	-.2852	-.2897	-.3981	
100.000		.1318	-.0346	-.1145	-.0141	.1546	-.1914		-.2193		-.3900	-.2969	-.3042	-.3183	
120.000			-.0820	-.1150	-.1106	-.1831	-.1769		-.1542		-.6141	-.7153	-.6491	-.5886	
140.000			-.1142	-.1247	-.1190	-.1170	.0265		-.4082		-.7007	-.2296	-.1736	-.2663	
160.000									-.6585						
180.000		.8771	.4231	-.1327	-.1308	-.1161	-.0792	.1479	-.8754		-.4830	-.1042	-.1294	-.1228	

DATE 20 OCT 78

(R00816)

826C9C1517F8W116526VR5X9 LEFT FUSELAGE

$$\beta_{\text{ETA}}(1) = .009 \quad A_{\text{PWA}}(5) = 16.240$$

SECTION : LEFT FUSELAGE

DEPENDENT VARIABLE CP

Y/LB	.6549	.7324	.7828	8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
100	.5119	.4647							-.1610
200	.5881	.5415							-.0858
300	.6870	-.5590							
400	-.2643	-.1623							
500			-.3225	-.2405	-.2055	-.1957	-.2291		
600			-.3014	-.3174	-.2630	-.1995	-.2154		
700								-.1454	
800	-.5009	-.4112	-.1784	-.1938	-.2215	-.1818	-.1991	-.1620	
900			-.1610	-.2055	-.2767	-.2342	-.2658		
1000	-.3643	-.2290	-.1797	-.1990	-.3625	-.2607	-.3000		
1100			-.1793	-.1670		-.2220	-.2370		
1200	-.0959	-.0401	-.1043						

DAIE 20 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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R26C9G15M7F8W1:6E26V8R5X9 LEFT FUSELAGE

(RDQB17) { 03 OCT 75 }

REFERENCE DATA

SREF	=	4.4120	SO.FT.	=	33.9580	INCHES
LREF	=	19.2300	INCHES	=	1.0000	INCHES
BREF	=	37.9360	INCHES	=	16.2000	INCHES
SCALE	=	.0405	SCALE			

```

ELEVON = .000 RUDDER = -7.500
BDCLAP = -14.250 BETA = 10.000

```

PARAMETRIC DATA

BETA (1) = 10.050 ALPHA (1) = -2.970

SECTION (1) LEFT FUSELAGE

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
P41															
.0000			.0899	-.2444	.1348	-.7210	-.2298	-.2136			-.2051	-.1719	-.1522	-.1182	-.1559
20.000		.4704	-.0005	-.4058	-.6069	-.3992	-.2028	-.2038			-.1984				
40.000			.0842	-.2435	-.1917	-.3199	-.2531	-.2475			-.1981	-.1255	-.1272	-.0688	.0253
55.000			-.1127	-.1609	-.2031	-.2539	-.2697	-.3437			-.3437				
70.000			-.1433	-.1787	-.2039	-.2468	-.2896	-.3043			-.3828	-.1571	-.0857	-.0359	
90.000	.0320		-.2012	-.2706	-.2777	-.3587	-.3688	-.4586			-.4631	-.1821	-.1030	-.0530	
120.000			-.0860	-.1416	-.1629	-.2785	-.2375	-.3695			-.6233	-.3194	-.1610	-.1197	
150.000			.0563	-.0548	-.0561	-.0755	-.1921	-.6312			-.4151	-.2785	-.2577	-.2389	
180.000									-.6747						
190.000															
.1985		.0288	.3001	-.2011	.1703	.1390	.2504	-.0963			-.4581	-.1986	-.1336	-.1675	
								-.2354							

(R00817)

B26C9G15M7F8W116E26V8R5X9 LEFT FUSELAGE

BETA (1) = 10.060 ALPHA (2) = .030

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
20.000	.2898	.3972	.1559	-.1878	.1903	-.5945	-.1570	-.1394			-.1460	-.1207	-.1005	-.0483	-.0556
40.000			.0471	-.3517	-.5229	-.3157	-.1276	-.1375			-.1388				
55.000			.1160	-.2238	-.1386	-.2740	-.2201	-.2164			-.1905	-.1210	-.1038	-.0389	.0800
70.000			-.1001	-.1324	-.1745	-.2214	-.2294	-.2630			-.3430				
90.000			-.1257	-.1543	-.1651	-.2089	-.2476	-.2980			-.3592	-.1591	-.0961	-.0639	
120.000	.0725		-.1537	-.2374	-.2199	-.2922	-.3090	-.3635			-.4194	-.1752	-.1025	-.0698	
150.000			-.0844	-.1771	-.1391	-.2299	-.2365	-.3660			-.4971	-.2815	-.1243	-.1007	
180.000			.0064	-.0080	-.0556	-.0900	-.1775	-.6249			-.4250	-.2499	-.2115	-.1990	
									-.6980						
PHI															
20.000	.2898	.8490	.2248	.1369	.1152	.0851	.2148	-.0978			-.4863	-.2129	-.1916	-.1815	
40.000								.1926							
55.000	.6549	.7324	.7829	.8254	.9935	.9262	.9649	1.0037	1.0430						

X/LB

PHI

20.000	-.0818	-.2427													
40.000	.0882	.0022													
55.000	-.2105	-.2517													
70.000	-.1493	-.1650													
90.000			-.2044	-.1382	-.2312	-.2308	-.2604								
120.000			-.2124	-.2166	-.2524	-.2430	-.2611								
150.000	-.1771	-.2029	-.4719	-.5255	-.3501	-.3115	-.3044								
180.000			.2742	-.2477	-.4462	-.3578	-.3866	-.1904							
PHI															
20.000	-.1866	-.1178	.2010	-.0729	-.5785	-.4510	-.3976	-.2668							
40.000			.0585	.0047	-.4711	-.3941	-.2664								
55.000	-.1556	-.0757	.0033												

BETA (1) = 10.050 ALPHA (3) = .020

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3799	.4999	.5774
PHI															
20.000	.4616	.2473	.2934	-.0633	.2870	-.4703	-.0537	-.0683			-.0712	-.0419	-.0075	.0872	.1273
40.000			.1419	-.2350	-.3956	-.2340	-.0541	-.0670			-.0741				
55.000			.1804	-.1935	-.0911	-.2333	-.2053	-.2161			-.2221	-.1240	-.0847	-.0069	.1868
70.000			-.0959	-.1318	-.2138	-.2202	-.2202	-.2555			-.3746				
90.000			-.1323	-.1435	-.1472	-.2149	-.2149	-.2646			-.3479	-.1827	-.1404	-.1485	
120.000	.0542		-.1091	-.1554	-.1472	-.2123	-.2152	-.2856			-.3812	-.1812	-.1222	-.1308	
150.000			-.0959	-.1177	-.1053	-.1958	-.2230	-.3607			-.4549	-.2290	-.0936	-.0994	
180.000			-.0875	-.1138	-.0928	-.1257	-.1435	-.6169			-.4470	-.2058	-.1502	-.1381	
PHI															
20.000	.4616	.8160	.0843	.0182	.0147	.0024	.1658	-.0860			-.5202	-.2261	-.1996	-.1913	
40.000								.1222							

DATE 29 OCT 75
TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

(R00817)

BETA (1) = 10.050 ALPHA (3) = 5.020

SECTION () LEFT FUSELAGE

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.1273	-.0272							
40.000	.2946	.2291							-.3008
70.000	-.3244	-.3356							-.2137
90.000	-.1774	-.1879							
105.000			-.2415	-.1696	-.2246	-.2129	-.2398		
110.000			-.2363	-.2397	-.2615	-.2479	-.2713		
120.000	-.2556	-.2537	-.3371	-.4348	-.3361	-.2963	-.2903	-.2033	
135.000			.1393	-.2560	-.4376	-.3560	-.3694	-.2552	
150.000	-.1531	-.0808	.0981	-.0712	-.5504	-.4366	-.3942		
165.000			.0235	-.0860	-.5291	-.4046	-.2711		
180.000	-.1815	-.1115	-.0374						

BETA (1) = 10.050 ALPHA (4) = 10.120

SECTION (1) LEFT FUSELAGE DEPENDENT VARIABLE CP

X/LB	.0000	.0078	.0230	.0465	.0698	.1124	.1473	.1667	.1860	.2054	.2364	.3023	.3798	.4999	.5774
PHI															
.000	.6094	.0435	.4235	.0534	.3833	-.3741	.0480	.0000			-.0092	.0406	.0935	.2157	.2912
20.000			.2411	-.1493	-.2779	-.1684	.0087	-.0116			-.0352				
40.000			.2014	.1656	-.2477	-.2435	-.2477	-.2818			-.3099	-.1607	-.1086	.0317	.2655
55.000			-.1451	.2659	.3315	-.3094	.2579	.3373			-.4440				
70.000			-.1562	.1743	.1553	-.1864	.2146	.2735			-.3701	-.2479	-.2461	-.2983	
90.000	-.0684		.1630	.1556	.1258	.1725	.1949	.2542			-.3841	-.2273	-.1890	-.2424	
120.000			.1363	.1253	.1088	.1781	.2093	.3487			-.4526	-.2582	-.1216	-.1438	
150.000			-.1463	.1170	.1253	-.1564	-.1173	-.6103			-.4790	-.1846	-.1212	-.1445	
159.000										-.7788					
165.000															
190.000	.6094	.6945	-.0528	-.0338	-.0788	-.0725	.1139	-.0542	-.8405		-.5435	-.2358	-.2002	-.1944	

PFI									
0.000	.3125	.2027							-.2553
40.000	.4425	.4028							-.1756
70.000	.4245	-.3943							
90.000	-.2814	-.2845							
105.000			-.3153	-.2555	-.2371	-.2128	-.2387		
110.000			-.3813	-.2950	-.2818	-.2492	-.2563		
120.000	-.3422	-.3056	-.4413	-.4920	-.3576	-.3224	-.3051	-.1988	
135.000			-.3250	-.2871	-.1350	-.3546	-.3533	-.2636	
150.000	-.1852	-.1051	-.0257	-.2314	-.4840	-.4082	-.3831		
165.000				-.0599	-.5252	-.4062	-.2688		
180.000	-.2047	-.1297	-.0747						

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TABULATED PRESSURE DATA FOR NPLAD (SWT TEST 711 (0A69)

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B25C9615M7F8W116E26V8R5X9 LEFT FUSELAGE

.R000171

BETA (1) = 10.050 ALPHA (6) = 15.220

SECTION (1) LEFT FUSELAGE

DEPENDENT VARIABLE CP

X/LB	.6549	.7324	.7828	.8254	.8835	.9262	.9649	1.0037	1.0430
PHI									
.000	.4925	.4425							
40.000	.5712	.5502							
70.000	-.5984	-.5244							
90.000	-.5002	-.5577	-.4679	-.4234	-.3355	-.2840	-.2678		
105.000			-.6320	-.6689	-.3590	-.2865	-.2703		
110.000								-.2408	
120.000	-.4862	-.4234	-.8035	-.6293	-.4511	-.3866	-.3601	-.2723	
135.000			-.5443	-.2933	-.14308	-.3545	-.3471		
150.000	-.1479	-.0673	.1957	-.0905	-.4903	-.4482	-.4359		
165.000			-.2019	-.3583	-.5436	-.3742	-.2595		
180.000	-.4056	-.3908	-.1574						

-.1365
-.0788

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

DATE 22 OCT 75

(R00F03) (03 OCT 75)

B2EC9G15M7F8W116E26V8P5X9 BODY FLAP

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
ECFLAP = -14.250 BETA = -10.000

REFERENCE DATA

SPEF = 4.4120 SQ.FT. XMRP = 33.955 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP			DEPENDENT VARIABLE CP		
BETA (1)	--10.060	ALPHA (1) = -2.980	X/LB	1.043	
			PHI	.000	
				40.000	-2214
					-2002
BETA (1)	--10.070	ALPHA (2) = .020	X/LB	1.043	
			PHI	.000	
				40.000	-2415
					-2115
BETA (1)	--10.070	ALPHA (3) = 5.020	X/LB	1.043	
			PHI	.000	
				40.000	-2675
					-1250
BETA (1)	--10.060	ALPHA (4) = 10.090	X/LB	1.043	
			PHI	.000	
				40.000	-1991
					-0836
BETA (1)	--10.060	ALPHA (5) = 13.190	X/LB	1.043	
			PHI	.000	
				40.000	-1244
					-0256
BETA (1)	--10.050	ALPHA (6) = 15.220	X/LB	1.043	
			PHI	.000	
				40.000	-0931
					.0425

(R00F04) (03 OCT 75)

8263001547F8W116E25V8R5X9 BODY FLAP

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9530 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

LEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1) = -.010	ALPHA (1) = -2.950	X/LB PHI	1.043
		.000	-1.958
		40.000	-1.1550
BETA (1) = .000	ALPHA (2) = .050	X/LB PHI	1.043
		.000	-1.1791
		40.000	-1.1377
BETA (1) = .000	ALPHA (3) = 5.030	X/LB PHI	1.043
		.000	-1.1561
		40.000	-1.1159
BETA (1) = .000	ALPHA (4) = 10.100	X/LB PHI	1.043
		.000	-1.1023
		40.000	-1.0597
BETA (1) = .000	ALPHA (5) = 13.220	X/LB PHI	1.043
		.000	-1.0571
		40.000	-1.0040
BETA (1) = .000	ALPHA (6) = 16.240	X/LB PHI	1.043
		.000	-1.0156
		40.000	.0435

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

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B25C9G15M7F8W116E26V8R5X9 BODY FLAP

(ROOF05) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
BOFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB	1.043
		PHI	.000
			40.000
			-1.1646
			-1.1677
BETA (1) = 10.050	ALPHA (2) = .030	X/LB	1.043
		PHI	.000
			40.000
			-1.1965
			-1.1607
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB	1.043
		PHI	.000
			40.000
			-1.1928
			-1.1183
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB	1.043
		PHI	.000
			40.000
			-1.1257
			-1.0491
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB	1.043
		PHI	.000
			40.000
			-1.0479
			1.0193
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB	1.043
		PHI	.000
			40.000
			-1.0027
			1.0766

8250915M7F8W116526V8R5X9 BODY FLAP

(RDQF 36) (03 OCT 75)

REFERENCE DATA

	SREF	4.4120	50. FT.	XRRP	33.9580	INCHES
	LREF	19.2300	INCHES	YRRP	1.0000	INCHES
	BREF	37.9360	INCHES	ZRRP	16.2000	INCHES
	SCALE	.0405	INCHES			

ELEVON	-	-20.000	RUDDER	-	.000
BOFLAP	-	-14.250	BETA	-	-10.000

DEPENDENT VARIABLE CP

SECTION (11 BODY FLAP

BETA (1) = -10.060 ALPHA (1) = -2.980 X/LB PH; 1.043

X/LB	1.043
PHI	-.2615
40.000	-.2513

BETA (1) = -10.070 ALPHA (2) = .020

XVIB	1.043
PH	-.2737
40.000	-.2227

$$\text{BETA} (1) = -10.070 \quad \text{ALPHA} (3) = 5.020$$

X/LB	1.043
CHI	- .3030
40.000	- .2439

BETA (1) = -10.060 ALPHA (4) = 10.090

X/LB	1.043
PHI	- .2362
42.000	- .1977

$$\text{BETA} (1) = -10.060 \quad \text{ALPHA} (5) = 3.190$$

XV7B	1.043
Pay	- .1298
	- .1457

BETA (1) = -10.050 ALPHA (6) = 15.220

X/LB	1.043
PHI	- .0541
49.000	- .0947

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A59)

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(R0QF07) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
LREF = 19.2320 INCHES YMRP = 0.000 INCHES
BREF = 37.9320 INCHES ZMRP = 16.2000 INCHES
SCALE = 0.405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1) = -.010	ALPHA (1) = -2.950	X/LB PHI	1.043
		.000	-.2367
		40.000	-.2246
BETA (1) = .000	ALPHA (2) = .050	X/LB PHI	1.043
		.000	-.2282
		40.000	-.2059
BETA (1) = .000	ALPHA (3) = 5.030	X/LB PHI	1.043
		.000	-.2074
		40.000	-.1896
BETA (1) = .000	ALPHA (4) = 10.100	X/LB PHI	1.043
		.000	-.1676
		40.000	-.1029
BETA (1) = .000	ALPHA (5) = 13.220	X/LB PHI	1.043
		.000	-.1176
		40.000	-.0502
BETA (1) = .000	ALPHA (6) = 16.240	X/LB PHI	1.043
		.000	-.0551
		40.000	.0332

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A59)

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(ROOF08) (03 OCT 75)

B2EC9G15M7FBH116E26V8R5X9 BODY FLAP

REFERENCE DATA

SREF = 4.4120 SQ FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = 0.000 INCHES
GREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0425 SCALE

SECTION (1) BODY FLAP

DEPENDENT VARIABLE CP

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB	1.043
		PHI	
		.000	-.1938
		40.000	-.2228
BETA (1) = 10.060	ALPHA (2) = .030	X/LB	1.043
		PHI	
		.000	-.2244
		40.000	-.2244
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB	1.043
		PHI	
		.000	-.2554
		40.000	-.1930
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB	1.043
		PHI	
		.000	-.1984
		40.000	-.1330
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB	1.043
		PHI	
		.000	-.1363
		40.000	-.0581
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB	1.043
		PHI	
		.000	-.0549
		40.000	.0088

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BOFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

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B26C9515M7F8H116E26V8R5X9 BODY FLAP

(R00F09' (03 OCT 75)

REFERENCE DATA

SREF = 4 4120 SQ.FT. XMRP = 33 9580 INCHES
LREF = 19 2300 INCHES YMRP = 300 INCHES
BREF = 37 9300 INCHES ZMRP = 16 2000 INCHES
SCALE = 0405 SCALE

PARAMETRIC DATA

LEVON = -40.000 RUDDER = .000
BOFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1)	-10.060	ALPHA (1)	-2.980	X/LB	1.043	PHI	.000	-1.3353
							-0.000	-1.2505
BETA (1)	-10.070	ALPHA (2)	.020	X/LB	1.043	PHI	.000	-1.3398
							-0.000	-1.2748
BETA (1)	-10.070	ALPHA (3)	5.020	X/LB	1.043	PHI	.000	-1.3507
							-0.000	-1.2839
BETA (1)	-10.060	ALPHA (4)	10.090	X/LB	1.043	PHI	.000	-1.2455
							-0.000	-1.2509
BETA (1)	-10.060	ALPHA (5)	13.190	X/LB	1.043	PHI	.000	-1.1771
							-0.000	-1.2163
BETA (1)	-10.050	ALPHA (6)	16.220	X/LB	1.043	PHI	.000	-1.1171
							-0.000	-1.2085

(R00010) (03 OCT 75)

B26C9G15M7F8H116E26V8R5X9 BODY FLAP

REFERENCE DATA

SREF = 4.4120 SQ.FT XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 J000R = .000
BOFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1) = -.010	ALPHA (1) = -2.950	X/LB	1.043
		PHI	.000
			-.2940
			-.2657
BETA (1) = .000	ALPHA (2) = .050	X/LB	1.043
		PHI	.000
			-.2983
			-.2700
BETA (1) = .000	ALPHA (3) = 5.030	X/LB	1.043
		PHI	.000
			-.2661
			-.2417
BETA (1) = .000	ALPHA (4) = 10.100	X/LB	1.043
		PHI	.000
			-.2593
			-.1541
BETA (1) = .000	ALPHA (5) = 13.220	X/LB	1.043
		PHI	.000
			-.1614
			-.1159
BETA (1) = .000	ALPHA (6) = 16.240	X/LB	1.043
		PHI	.000
			-.1352
			-.0623

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

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B26C9015M7FBW116E26VBR5X9 BODY FLAP

(ROOF11) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2100 INCHES YMRP = 5000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) BODY FLAP

DEPENDENT VARIABLE CP

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB PHI	1.043
		.000	-.2488
		40.000	-.2984
BETA (1) = 10.060	ALPHA (2) = .030	X/LB PHI	1.043
		.000	-.2709
		40.000	-.2943
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB PHI	1.043
		.000	-.3143
		40.000	-.2587
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB PHI	1.043
		.000	-.2430
		40.000	-.1905
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB PHI	1.043
		.000	-.1835
		40.000	-.1370
BETA (1) = 10.050	ALPHA (6) = 15.220	X/LB PHI	1.043
		.000	-.1177
		40.000	-.0785

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BOPFLAP = -14.250 BETA = 10.300

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TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A69)

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B25C9015M7F8W116E26VBR5X9 BODY FLAP

(R00F12) (03 OCT 75)

REFERENCE DATA

SPEF = 4.420 SQ.FT. XMRP = 33.9580 INCHES
 LPEF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

CLEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1)	ALPHA (1)	X/LB	PHI
-10.060	-2.980	1.043	.000
-10.070	.020	1.043	.000
-10.070	5.020	1.043	.000
-10.060	10.090	1.043	.000
-10.060	13.190	1.043	.000
-10.050	16.220	1.043	.000

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TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

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B26C9G15M7F8W115E26V8R5X9 BODY FLAP

(RDOF13) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
BDFLAP = -14.250 BETA = .000

SECTION (1) BODY FLAP DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950	X/LB PHI	1.043 -.2526 40.000 -.2697
BETA (1) = .000 ALPHA (2) = .050	X/LB PHI	1.043 -.2495 40.000 -.2790
BETA (1) = .000 ALPHA (3) = 5.030	X/LB PHI	1.043 -.2558 40.000 -.2622
BETA (1) = .000 ALPHA (4) = 10.100	X/LB PHI	1.043 -.2497 40.000 -.2192
BETA (1) = .000 ALPHA (5) = 13.220	X/LB PHI	1.043 -.2048 40.000 -.1529
BETA (1) = .000 ALPHA (6) = 16.240	X/LB PHI	1.043 -.1630 40.000 -.0877

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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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B26C9G:5M7F8W116E26VBR5X9 BODY FLAP

(RDOF14) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) BODY FLAP DEPENDENT VARIABLE CP

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB	1.043
		PHI	
			.000
			40.000
BETA (1) = 10.060	ALPHA (2) = .030	X/LB	1.043
		PHI	
			.000
			40.000
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB	1.043
		PHI	
			.000
			40.000
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB	1.043
		PHI	
			.000
			40.000
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB	1.043
		PHI	
			.000
			40.000
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB	1.043
		PHI	
			.000
			40.000

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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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B26C9015M7F8W116E26V8R5X9 BODY FLAP

(ROOF13) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BDFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1)	ALPHA (1)	X/LB	PHI
-10.060	-2.980	1.043	.000
			40.000
BETA (1)	ALPHA (2)	X/LB	PHI
-10.070	.020	1.043	.000
			40.000
BETA (1)	ALPHA (3)	X/LB	PHI
-10.070	5.020	1.043	.000
			40.000
BETA (1)	ALPHA (4)	X/LB	PHI
-10.060	10.090	1.043	.000
			40.000
BETA (1)	ALPHA (5)	X/LB	PHI
-10.060	13.190	1.043	.000
			40.000
BETA (1)	ALPHA (6)	X/LB	PHI
-10.050	16.220	1.043	.000
			40.000

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TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

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(RDOF16) (03 OCT 75)

B26C9G15M7FBW116E26V8R5X9 BODY FLAP

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9530 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1) = -.010	ALPHA (1) = -2.950	X/LB PHI	1.043
		.000	-.2468
		40.000	-.2652
BETA (1) = .000	ALPHA (2) = .050	X/LB PHI	1.043
		.000	-.2416
		40.000	-.2701
BETA (1) = .000	ALPHA (3) = 5.030	X/LB PHI	1.043
		.000	-.2467
		40.000	-.2574
BETA (1) = .000	ALPHA (4) = 10.100	X/LB PHI	1.043
		.000	-.2434
		40.000	-.2192
BETA (1) = .000	ALPHA (5) = 13.220	X/LB PHI	1.043
		.000	-.2019
		40.000	-.1512
BETA (1) = .000	ALPHA (6) = 16.240	X/LB PHI	1.043
		.000	-.1610
		40.000	-.0858

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

(RDQF17) (03 OCT 75)

826C9G15M7F8W116E26V8R5X9 BODY FLAP

PARAMETRIC DATA

ELVON = .000 RUDDER = -7.500
BDFLAP = -14.250 BETA = 10.000

REFERENCE DATA

SREF = 4.4120 50 FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

DEPENDENT VARIABLE CP

SECTION (1) BODY FLAP

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB PHI	1.043 -2779 40.000
BETA (1) = 10.060	ALPHA (2) = .030	X/LB PHI	1.043 -2947 40.000
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB PHI	1.043 -3008 40.000
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB PHI	1.043 -2553 40.000
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB PHI	1.043 -1939 40.000
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB PHI	1.043 -1365 40.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 121

B25C9G15M7FB4116E26V8R5X9 LEFT MLG DOOR OUTSIDE

(RD0003)

(04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT.
 LREF = 19.2300 INCHES
 BREF = 37.9360 INCHES
 SCALE = .0405 SCALE

XMRP = 33.9580 INCHES
 YMRP = .0000 INCHES
 ZMRP = 16.2000 INCHES

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = -10.060 ALPHA (1) = -2.980

Z/HG X/LG	.250	.500	.750
.000	.9046		-.3903
.050	-.5514	-.7747	-.7327
.200	-.2260	-.1872	-.2644
.300	-.2305	-.1912	-.2537
.500	-.2232	-.2486	-.3231
.700	-.3995	-.3344	-.3470
.900	.1830	.1713	.0429
1.000	-.9530		-.9371

BETA (1) = -10.070 ALPHA (2) = .020

Z/HG X/LG	.250	.500	.750
.000	.9423		-.3730
.050	-.6028	-.7094	-.6597
.200	-.0876	-.0530	-.0504
.300	-.0754	-.0471	-.0510
.500	-.1001	-.1105	-.1319
.700	-.2671	-.2037	-.1955
.900	.2087	.2110	.1258
1.000	-.7442		-.7764

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.9623		-.2435
.050	-.4829	-.2861	-.4230
.200	-.2091	-.2041	-.1441
.300	.0621	.0215	.1525
.500	.1061	.0994	.0953
.700	-.0489	-.0069	-.0058
.900	.2401	.2849	.2827
1.000	-.5572		-.6965

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/HG X/LG	.250	.500	.750
.000	.9143		-.1783
.050	-.0011	-.0874	-.1483
.200	-.0250	-.0670	-.0834
.300	.0683	.0202	.1124
.500	.2694	.2608	.1842
.700	.2140	.2025	.1487
.900	.3747	.4496	.4038
1.000	-.3664		-.3399

(RDG03)

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LS'T TEST 711 (0A69)
B26C9G15M7F8W116E26V8R5X9 LEFT MLG DOOR OUTSIDE

SECTION (1) MLG DOOR OUTSIDE
DEPENDENT VARIABLE CP

BETA (1) --10.060	ALPHA (5) = 13.190	Z/HG X/LG	.250	.500	.750
		.000	.8445		-.2474
		.050	.0962	.0977	.0522
		.200	.0318	.0064	.0332
		.300	.0643	.0407	.0729
		.500	.2220	.2138	.1750
		.700	.3444	.3199	.2383
		.900	.4034	.4669	.2145
		1.000	-.2275		-.1445
BETA (1) --10.050	ALPHA (6) = 16.220	Z/HG X/LG	.250	.500	.750
		.000	.7481		-.3397
		.050	.1280	.1429	.1337
		.200	.0661	.0704	.1046
		.300	.0776	.0505	.1038
		.500	.2316	.2014	-.0428
		.700	.3315	.2295	-.0533
		.900	.5031	.2172	.1628
		1.000	-.0917		.0270

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 123

(RDG004) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

Z/HG X/LG	.250	.500	.750
.000	.9504		-.2356
.050	-1.0480	-1.1165	-.8687
.100	-.8293	-.7996	-.8514
.150	-.4692	-.5060	-.3636
.200	-.3797	-.3372	-.3026
.250	-.5203	-.4474	-.4221
.300	-.1074	-.0489	-.0173
.350	1.000	-1.0297	-1.1256

BETA (1) = .000 ALPHA (2) = .050

Z/HG X/LG	.250	.500	.750
.000	.9542		-.2063
.050	-1.0526	-.7284	-.8526
.100	-.6778	-.7385	-.5035
.150	-.4598	-.5344	-.2191
.200	-.2815	-.2037	-.2239
.250	-.3669	-.3150	-.3333
.300	.0011	.1145	.0896
.350	1.000	-1.0243	-1.0467

BETA (1) = .000 ALPHA (3) = 5.030

Z/HG X/LG	.250	.500	.750
.000	.9675		-.1659
.050	-.4789	-.5926	-.6705
.100	-.5312	-.6058	-.6292
.150	-.4161	-.4756	-.3180
.200	-.0996	-.0581	-.1082
.250	-.0902	-.0995	-.1862
.300	.1483	.2473	-.1075
.350	1.000	-.8989	-.7756

BETA (1) = .000 ALPHA (4) = 10.100

Z/HG X/LG	.250	.500	.750
.000	.6417		-.1776
.050	-.3080	-.3181	-.3382
.100	-.4627	-.4580	-.4313
.150	-.4401	-.4745	-.5689
.200	-.1000	-.2968	-.6522
.250	.1510	-.3420	-.6341
.300	.3224	-.1710	-.4252
.350	1.000	-.6073	-.4605

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (OASB)

PAGE 124

(RD0604)

B26C9G15M7F8W116E26V8R5X9 LEFT HLG DOOR OUTSIDE

SECTION (1) HLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Z/HG X/LG	.250	.500	.750
.000	.4453		-.2027
.050	-.3329	-.3249	-.3397
.200	-.5321	-.4970	-.4365
.300	-.5157	-.5576	-.4022
.500	-.2455	-.8277	-.3959
.700	.0249	-.7412	-.3743
.900	.3332	-.4136	-.4687
1.000	-.4432		-.3240

BETA (1) = .000 ALPHA (5) = 16.240

Z/HG X/LG	.250	.500	.750
.000	.2764		-.2440
.050	-.3653	-.3683	-.3747
.200	-.6212	-.3995	-.3657
.300	-.6535	-.5407	-.3136
.500	-.5752	-.5021	-.3429
.700	-.1969	-.7704	-.3520
.900	.2971	-.4405	-.3019
1.000	-.2504		-.2376

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 125

B26C9G15H7F8W116E26VBR5X9 LEFT MLG DOOR OUTSIDE

(R00005)

(04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9750 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETER DATA

ELEVON = .000 RUDDER = .000
 BDLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/HG X/LG	.250	.500	.750
.000	.6168	-1.0690	-.3963
.050	-.9568	-1.2137	-1.2137
.200	-.8979	-.9288	-.9102
.300	-.5949	-.6559	-.4083
.500	-.4378	-.4037	-.4339
.700	-.5195	-.4811	-.5327
.900	-.1535	-.0337	-.2313
1.000	-1.1322		-1.0860

BETA (1) = 10.060 ALPHA (2) = .030

Z/HG X/LG	.250	.500	.750
.000	.4440		-.3636
.050	-.8586	-.9350	-1.1266
.200	-.8629	-.9629	-.9754
.300	-.6393	-.7130	-.4966
.500	-.3380	-.3124	-.5049
.700	-.3974	-.3747	-.8212
.900	-.1501	-.0086	-.5426
1.000	-1.1177		-1.0735

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.4749		-.2708
.050	-.8294	-.8516	-.8758
.200	-.9868	-.9908	-.9439
.300	-.9696	-1.0377	-.9790
.500	-.3760	-.8418	-1.3661
.700	-.0581	-.7117	-1.6900
.900	.1987	-.6153	-1.0518
1.000	-1.1537		-.9508

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.500	.750
.000	.0748		-.2991
.050	-.8755	-.8230	-.8300
.200	-1.1462	-.9968	-.9133
.300	-1.0502	-1.2805	-.8370
.500	-.6227	-1.4574	-.9145
.700	-.4725	-1.3257	-1.1171
.900	.1155	-.9156	-1.0098
1.000	-.7983		-.7628

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 126

B26C9G15M7F9W116E26V8R5X9 LEFT MLG DOOR OUTSIDE

(R00605)

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	-.0602		-.3630
.050	-.7875	-.7465	-.7425
.200	-.9907	-.9116	-.8425
.300	-.9263	-.8947	-.7713
.500	-1.0627	-.9663	-.7555
.700	-.8689	-1.1186	-.7619
.900	-.0507	-.6843	-.6295
1.000	-.5585		-.6177

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	-.3841		-.4706
.050	-.8459	-.8109	-.8389
.200	-.8944	-.8844	-.9009
.300	-.6581	-.8389	-.7703
.500	-.7477	-.8072	-.6563
.700	-.7848	-.8349	-.6885
.900	-.2152	-.6956	-.5453
1.000	-.3955		-.4276

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAB9)

PAGE 127

B25C9G15H7F8H116E2GV8RSX9 LEFT HLG DOOR OUTSIDE

(R00G06) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 ROLLER = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) HLG DOOR OUTSIDE

BETA (1) = -10.060 ALPHA (1) = -2.980

Z/HG X/LG	.250	.500	.750
.000	.9046		
.050	-.5514	-.7747	-.3903
.100	-.2260	-.1872	-.2644
.150	.2952	-.2553	-.3404
.200	-.3170	-.3462	-.4297
.250	-.4908	-.4318	-.4511
.300	-.0736	-.1822	-.0855
.350	-.1158		-.11035

BETA (1) = -10.070 ALPHA (2) = .020

Z/HG X/LG	.250	.500	.750
.000	.9423		
.050	-.6028	-.7094	-.3730
.100	-.0876	-.0530	-.0504
.150	-.1566	-.1104	-.1364
.200	-.2074	-.2170	-.2440
.250	-.3679	-.3023	-.2941
.300	-.0934	-.1436	-.2326
.350	-.9703		-.9625

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.9223		
.050	-.4239	-.2861	-.2435
.100	-.2091	-.2041	-.1441
.150	.0127	-.0063	.1031
.200	.0122	.0040	.0045
.250	-.1525	-.1024	-.1005
.300	-.0017	-.0354	-.3299
.350	-.7458		-.9050

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/HG X/LG	.250	.500	.750
.000	.9143		
.050	-.0011	-.0874	-.1783
.100	-.0250	-.0570	-.1483
.150	.0203	-.0356	-.1346
.200	.2002	.1880	.209
.250	.1090	.1029	.0573
.300	.1833	.0840	.5364
.350	-.5701		-.5470

(R00606)

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A63)
B26C9G15M7F8H11E26V8R5X9 LEFT MLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	.8445		-.2474
.050	.0962	.0977	.0522
.200	.0310	.0364	.0332
.300	.0127	.0197	.0537
.500	.2587	.2396	.1476
.700	.2771	.2317	.1657
.900	.2693	.1785	.4668
1.000	-.4052		-.3427

BETA (1) = -10.020 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	.7481		-.3397
.050	.1280	.1429	.1337
.200	.0661	.0704	.1046
.300	.0335	.0191	.0561
.500	.2148	.2119	.0457
.700	.3148	.2928	-.0847
.900	.3144	.2812	.2186
1.000	-.2919		-.1360

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A69)

PAGE 129

B26C9G15M7F8H115E26V8R5X9 LEFT MLG DOOR OUTSIDE

(RDQG07) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

Z/HG X/LG	.250	.500	.750
.000	.9604		-.2356
.050	-1.0480	-1.1165	-.8687
.200	-.8293	-.7996	-.8514
.300	-.4721	-.5243	-.3573
.500	-.4778	-.4335	-.4042
.700	-.6068	-.5242	-.4967
.900	-.3341	-.3825	.1309
1.000	-1.2150		-1.3457

BETA (1) = .000 ALPHA (2) = .050

Z/HG X/LG	.250	.500	.750
.000	.9542		-.2063
.050	-1.0526	-.7284	-.8526
.200	-.6778	-.7385	-.9095
.300	-.5135	-.5987	-.2398
.500	-.3821	-.3009	-.3025
.700	-.4389	-.3835	-.3950
.900	-.1938	-.2255	.2408
1.000	-1.2291		-1.2702

BETA (1) = .000 ALPHA (3) = 5.030

Z/HG X/LG	.250	.500	.750
.000	.8675		-.1659
.050	-.4789	-.5926	-.6706
.200	-.5312	-.6058	-.6292
.300	-.4564	-.5125	-.2921
.500	-.1580	-.1251	-.2086
.700	-.1712	-.1809	-.2355
.900	.0143	.0496	.1493
1.000	-1.1270		-1.0018

BETA (1) = .000 ALPHA (4) = 10.100

Z/HG X/LG	.250	.500	.750
.000	.6417		-.1776
.050	-.3080	-.3181	-.3382
.200	-.4627	-.4580	-.4313
.300	-.4865	-.5348	-.6303
.500	-.1276	-.1414	-.8822
.700	.0945	-.1067	-.7981
.900	.1187	.1260	-.3334
1.000	-.8851		-.6892

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 130

B26C9G15M7F8W116E26V8R5X9 LEFT MLG DOOR OUTSIDE

(RD0007)

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = .000 ALPHA (5) = 13.220

DEPENDENT VARIABLE CP		Z/HG	X/LG	.250	.500	.750
		.000	.4453			-.2027
		.050	-.3329		-.3249	-.3397
		.200	-.5321		-.4970	-.4365
		.300	-.5116		-.5769	-.6503
		.500	-.1587		-.7824	-.5777
		.700	.1139		-.7036	-.4722
		.900	.2608		-.2719	-.5895
		1.000	-.7153			-.5211

BETA (1) = .000 ALPHA (6) = 15.240

DEPENDENT VARIABLE CP		Z/HG	X/LG	.250	.500	.750
		.000	.2764			-.2440
		.050	-.3653		-.3683	-.3747
		.200	-.6212		-.3995	-.3657
		.300	-.6401		-.7296	-.4532
		.500	-.4887		-.7269	-.4705
		.700	-.1098		-.8655	-.3934
		.900	.3545		-.4482	-.7308
		1.000	-.5294			-.3860

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAS9)

PAGE 131

B26C9G15M7F8W116E26V8R5X9 LEFT MLG DOOR OUTSIDE (R00008) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) MLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/HG X/LG	.250	.500	.750
.000	.6168		-.3963
.050	-.9668	-1.0690	-1.2137
.200	-.8979	-.9288	-.9102
.300	-.6687	-.7439	-.4487
.500	-.5369	-.4953	-.5119
.700	87.9999	87.9999	87.9999
.900	-.3086	-.0627	-.0999
1.000	-1.3438		-1.2812

BETA (1) = 10.060 ALPHA (2) = .030

Z/HG X/LG	.250	.500	.750
.000	.4440		-.3636
.050	-.8586	-.9350	-1.1266
.200	-.8998	-.9629	-.9754
.300	-.6592	-.7502	-.4839
.500	-.4182	-.3944	-.5041
.700	-.4685	-.4487	-.7300
.900	-.2688	-.0242	-.3856
1.000	-1.3775		-1.2788

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.4749		-.2708
.050	-.8294	-.8516	-.8758
.200	-.9868	-.9908	-.9439
.300	-1.0605	-1.2428	-1.1910
.500	-.3919	-.5577	-1.5589
.700	-.1170	-.3034	-2.0775
.900	.1052	-.0430	-1.3465
1.000	-1.4383		-1.1500

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.500	.750
.000	.0748		-.2991
.050	-.8755	-.8230	-.8300
.200	-1.1462	-.9968	-.9133
.300	-1.0772	-1.2620	-1.1061
.500	-.5868	-1.3380	-1.4241
.700	-.1859	-1.2952	-1.4601
.900	.2235	-.9359	-1.4445
1.000	-1.0991		-.9389

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 132

(R00008)

82603015MTFB116E2518P5X3 LEFT M/G DOOR OUTSIDE

SECTION (1) M/G DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	-.0502		-.3530
.050	-.0875	-.7466	-.7425
.200	-.0907	-.9116	-.6425
.300	-.1295	-.1821	-.5512
.500	-.1829	-.18959	-.10433
.700	-.5754	-.1244	-.503
.900	.6981	-.10059	-.13575
1.000	-.15190		-.7959

BETA (1) = 10.050 ALPHA (5) = 15.220

Z/HG X/LG	.250	.500	.750
.000	-.3541		-.4706
.050	-.6459	-.8109	-.8389
.200	-.5544	-.8844	-.5009
.300	-.15067	-.14377	-.9026
.500	-.12707	-.1372	-.8985
.700	-.8448	-.10397	-.7102
.900	-.0221	-.0719	-.8153
1.000	-.5446		-.6706

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A59)

PAGE 133

E26C9G15M7F9W116E26VBR5X9 LEFT MLG DOOR OUTSIDE

(PD0609) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR OUTSIDE

BETA (1)	ALPHA (1)	Z/HG X/LG	.250	.500	.750
-10.060	-2.980	.000	.9046	- .7747	- .3903
		.050	- .5514	- .7327	- .2644
		.200	- .2660	- .1872	- .3766
		.300	- .3225	- .2858	- .4695
		.500	- .3392	- .3580	- .4677
		.700	- .5083	- .4434	- .0502
		1.000	- .1517	.1110	- .12076

BETA (1) --10.070 ALPHA (2) = .020

Z/HG X/LG	.250	.500	.750
.000	.9423	- .7094	- .3730
.050	- .6028	- .0530	- .6597
.200	- .0876	- .1294	- .0504
.300	- .1712	- .2255	- .1607
.500	- .2135	- .3144	- .2657
.700	- .3877	.1681	- .3344
.900	- .1976		.0545
1.000	- 1.0365		- 1.0745

BETA (1) --10.070 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.9623	- .2861	- .2435
.050	- .4829	- .2041	- .4230
.200	- .2091	.0052	- .1441
.300	.0237	.0132	.1083
.500	.0183	- .0985	.0129
.700	- .1493	.2363	- .0928
.900	- .2022		.2129
1.000	- .7034		- .9130

BETA (1) --10.060 ALPHA (4) = 10.090

Z/HG X/LG	.250	.500	.750
.000	.9143	- .0874	- .1783
.050	- .0011	- .0670	- .1483
.200	- .0250	- .0158	- .0834
.300	.0380	.1984	.1432
.500	.2054	.0791	.1301
.700	.0748	.3813	.0373
.900	.3045		.3327
1.000	- .5602		- .6365

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 134

826C3615M7F8W116E26V8R5X9 LEFT MLG DOOR OUTSIDE

(R00009)

SECTION (1) MLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	.6445		-.2474
.050	.0952	.0977	.0522
.200	.0318	.0064	.0332
.500	.0122	-.0157	.0513
.700	.2704	.2537	.1552
.900	.2341	.2026	.1400
1.000	.3602	.4399	.2425
	-.3521		-.4025

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	.7481		-.3397
.050	.1230	.1429	.1337
.200	.0651	.0704	.1046
.500	.0336	.0222	.0623
.700	.2162	.2156	.0953
.900	.3023	.2992	.0209
1.000	.3845	.4005	.0432
	-.2054		-.1817

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

B00000:EXT0801:6E26V8RSX9 LEFT MLG DOOR OUTSIDE

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) MLG DOOR OUTSIDE

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

Z/HG X/LG	.250	.500	.750
.000	.9604		-.2356
.050	-1.0480	-1.1165	-.8687
.100	-.0293	-.7995	-.8514
.200	-.4847	-.5304	-.3710
.300	-.4956	-.4499	-.4253
.400	-.6864	-.5853	-.5519
.500	-.1444	-.1309	-.1095
.600	-1.3229		-1.4645

BETA (1) = .000 ALPHA (2) = .050

Z/HG X/LG	.250	.500	.750
.000	.9542		-.2053
.050	-1.0526	-.7284	-.8526
.100	-.6778	-.7385	-.9095
.200	-.5165	-.6020	-.2444
.300	-.3921	-.3135	-.3104
.400	-.5195	-.4544	-.4579
.500	-.1317	.0327	.0271
.600	-1.2936		-1.3860

BETA (1) = .000 ALPHA (3) = 5.030

Z/HG X/LG	.250	.500	.750
.000	.8575		-.1659
.050	-.4789	-.5926	-.6706
.100	-.5312	-.6058	-.6292
.200	-.4421	-.5004	-.2929
.300	-.1625	-.1153	-.2075
.400	-.2371	-.2374	-.2866
.500	-.0645	.0349	-.0704
.600	-1.0991		-1.0962

BETA (1) = .000 ALPHA (4) = 10.100

Z/HG X/LG	.250	.500	.750
.000	.6417		-.1776
.050	-.3080	-.3181	-.3382
.100	-.4627	-.4590	-.4313
.200	-.4797	-.5215	-.6049
.300	-.1146	-.1262	-.8224
.400	-.0393	-.0337	-.0379
.500	-.2019	.1108	-.4272
.600	-.8394		-.7353

PARAMETRIC DATA

ELEVON = -10.000 RUDDER = .000
BD-LAP = -14.250 BETA = .000

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ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 136

B25C9G15M7F8W116E26V8R5X9 LEFT MLG DOOR OUTSIDE

(RDOG10)

SECTION 1 1)MLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Z/HG X/LG	.250	.500	.750
.000	.4453		-.2027
.050	-.3329	-.3249	-.3397
.200	-.5321	-.4970	-.4365
.300	-.5280	-.6001	-.6453
.500	-.1428	-.6313	-.6337
.700	.1348	-.6763	-.6628
.900	.3874	-.3551	-.5076
1.000	-.6591		-.5865

BETA (1) = .000 ALPHA (6) = 16.240

Z/HG X/LG	.250	.500	.750
.000	.2764		-.2440
.050	-.3653	-.3683	-.3747
.200	-.6212	-.3995	-.3657
.300	-.6805	-.8135	-.4576
.500	-.4292	-.8724	-.4878
.700	-.3434	-.9474	-.4646
.900	.4385	-.5181	-.5823
1.000	-.4849		-.4265

DATE 22 OCT 75

ABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 137

B25C9315M7F9W16E26VBR5X9 LEFT MLG DOOR OUTSIDE

(R00G11) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9550 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) MLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/HG X/LG	.250	.500	.750
.000	.6168	-1.0690	-.3953
.050	-.9668	-1.2137	-.9102
.200	-.8979	-.9288	-.7574
.300	-.5928	-.7574	-.4702
.500	-.5665	-.5163	-.5333
.700	-.6848	-.6320	-.6561
.900	-.2837	-.1021	-.2596
1.000	-1.4099		-1.4160

BETA (1) = 10.060 ALPHA (2) = .030

Z/HG X/LG	.250	.500	.750
.000	.4440		-.3636
.050	-.9586	-.9350	-1.1266
.200	-.8988	-.9629	-.9754
.300	-.6623	-.7490	-.4836
.500	-.4433	-.4092	-.5059
.700	-.5285	-.5140	-.7422
.900	-.2405	-.0536	-.4147
1.000	-1.4005		-1.3834

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.4749		-.2708
.050	-.8294	-.8516	-.8758
.200	-.9868	-.9908	-.9439
.300	-1.0586	-1.2252	-1.1580
.500	-.3821	-.4801	-1.5671
.700	-.1577	-.3127	-2.2438
.900	-.0878	.0236	-1.3542
1.000	-1.3704		-1.2372

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.500	.750
.000	.0748		-.2991
.050	-.8755	-.8230	-.8300
.200	-1.1462	-.9968	-.9133
.300	-1.1246	-1.3089	-1.0795
.500	-.5853	-1.3084	-1.4917
.700	-.1346	-1.4246	-1.7442
.900	-.2652	-.9704	-1.3748
1.000	-1.5938		-1.0200

(RDGG11)

E26C9G15M7FB116E26V8R5X9 LEFT MLG DOOR OUTSIDE

SECTION (1) MLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	-.0602		-.3630
.050	-.7875	-.7466	-.7425
.100	-.9907	-.9116	-.8425
.150	-1.3780	-2.0254	-1.0083
.200	-.7543	-2.1431	-1.0997
.250	-.4112	-1.6155	-1.3651
.300	.3021	-1.0279	-1.2214
.350	-.8483		-.8547

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	-.3841		-.4706
.050	-.8459	-.8109	-.8389
.100	-.8944	-.8844	-.9009
.150	-1.5144	-1.5854	-.9523
.200	-1.2827	-1.3983	-.9701
.250	-.6887	-1.4619	-.9132
.300	-.0202	-.9585	-.7968
.350	-.6425		-.7072

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 139

(R00003) (04 OCT 75)

REFERENCE DATA

SREF	=	4.120	SO. FT.	XMRP	=	33.9580	INCHES
LRFP	=	19.2300	INCHES	YMRP	=	.0000	INCHES
BRFP	=	37.9360	INCHES	ZMRP	=	16.2000	INCHES
SCALE	=	.0405	SCALE				

PARAMETRIC DATA

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ELEVUN = .000  RUDDER = .000
BOFLAP = -14.250  BETA = -10.000

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DEPENDENT VARIABLE CP

SECTION 1 11MLG DOOR INSIDE

BETA (1) = -10.060	ALPHA (1) = -2.980	Z/MG X/LG	.250	.500	.750
		.000	.9046		-.3903
		.050	-.6212	-.6256	-.6450
		.200	-.6752	-.6770	-.6706
		.300	-.6980	-.6945	-.6870
		.500	-.7577	-.7711	-.7459
		.700	-.4697	-.5950	-.8204
		.900	-.2815	-.4759	-.9127
		1.000	-.9530		-.9371

BETA (1)	-10.070	ALPHA (2)	=	.020	Z/HG X/LG	.250	.500	.750
					.300	.9423		-.3730
					.500	-.9076	-.4435	-.5453
					.200	-.5079	.5458	-.5556
					.300	-.5284	-.5534	-.5486
					.500	-.4193	-.4365	-.4205
					.700	-.0842	.1222	-.1555
					.900	-.2723	-.1715	-.3064
					1.000	-.7442		-.7764

BETA (1) = -10.070	ALPHA (3) = 5.020	Z/HG X/LG	.250	.500	.750
		.000	.9623		-.2435
		.050	-.2597	-.2872	-.3652
		.200	-.1689	-.1902	-.2577
		.300	-.0810	-.0770	-.0250
		.500	.1879	.2163	.2492
		.700	.3148	.3068	.2591
		.900	-.0032	.1142	.1415
		1.000	-.5572	-.6965	

BETA (1) = -10.060	ALPHA (4) = 10.093	Z/H3	.250	.500	.750
		X/L3	.000	.9143	-.1783
			.050	.0330	.0010
			.200	.3870	.3830
			.300	.4206	.4224
			.500	.4078	.4354
			.700	.5662	.4100
			.900	.2871	.2708
			1.000	-.3694	-.3399

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR WPLAD LSHT TEST 711 (0A69)

PAGE 140

(ROOM03)

B2EC9G15M7FBM116E26V8R5X9 LEFT MLG DOOR INSIDE

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR INSIDE

BETA (1) = -10.063 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	.8445		-.2474
.050	.5667	.4170	.2867
.200	.5287	.5349	.5310
.300	.5339	.5352	.5036
.500	.5877	.5683	.5191
.700	.6252	.5856	.4701
.900	.4108	.4832	.3917
1.000	-.2275		-.1445

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	.7481		-.3397
.050	.7439	.6787	.6362
.200	.6533	.6425	.6061
.300	.6360	.6313	.6043
.500	.6655	.6473	.6075
.700	.6937	.6561	.5500
.900	.5112	.5740	.4965
1.000	-.0917		.0270

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 141

200000576411625465X9 LEFT MLG DOOR INSIDE

(R00H04) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33 9080 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16 2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950

Z/MG X/LG	.250	.500	.750
.000	.9004		
.050	.7365	-.7629	-.2356
.100	-.6476	-.6323	-.8061
.150	-.4744	-.4233	-.6545
.200	-.2219	.0353	-.3377
.250	-.1712	.1254	.0235
.300	-.1900	-.0372	-.0035
.350	1.000	-.0372	-.1159
.400	1.000	-.0372	-.1159
.450	1.000	-.0372	-.1159
.500	1.000	-.0372	-.1159
.550	1.000	-.0372	-.1159
.600	1.000	-.0372	-.1159
.650	1.000	-.0372	-.1159
.700	1.000	-.0372	-.1159
.750	1.000	-.0372	-.1159
.800	1.000	-.0372	-.1159
.850	1.000	-.0372	-.1159
.900	1.000	-.0372	-.1159
.950	1.000	-.0372	-.1159
1.000	1.000	-.0372	-.1159

BETA (1) = .000 ALPHA (2) = .050

Z/MG X/LG	.250	.500	.750
.000	.9542		
.050	-.7214	-.6609	-.2063
.100	-.1126	-.0956	-.7707
.150	.0713	.1118	-.0213
.200	.1928	.1913	.1011
.250	.2715	.2097	.1072
.300	.2638	.2097	.0338
.350	1.000	.0807	-.0537
.400	1.000	.0807	-.0537
.450	1.000	.0807	-.0537
.500	1.000	.0807	-.0537
.550	1.000	.0807	-.0537
.600	1.000	.0807	-.0537
.650	1.000	.0807	-.0537
.700	1.000	.0807	-.0537
.750	1.000	.0807	-.0537
.800	1.000	.0807	-.0537
.850	1.000	.0807	-.0537
.900	1.000	.0807	-.0537
.950	1.000	.0807	-.0537
1.000	1.000	.0807	-.0537

BETA (1) = .000 ALPHA (3) = 5.030

Z/MG X/LG	.250	.500	.750
.000	.8675		
.050	.2511	.1002	-.1659
.100	.2607	.2924	.0028
.150	.2917	.2958	.2223
.200	.3503	.3337	.2528
.250	.4129	.3497	.2462
.300	.4332	.2265	.1175
.350	.4332	.2265	.1044
.400	.4332	.2265	.1044
.450	.4332	.2265	.1044
.500	.4332	.2265	.1044
.550	.4332	.2265	.1044
.600	.4332	.2265	.1044
.650	.4332	.2265	.1044
.700	.4332	.2265	.1044
.750	.4332	.2265	.1044
.800	.4332	.2265	.1044
.850	.4332	.2265	.1044
.900	.4332	.2265	.1044
.950	.4332	.2265	.1044
1.000	.4332	.2265	.1044

BETA (1) = .000 ALPHA (4) = 10.100

Z/MG X/LG	.250	.500	.750
.000	.6417		
.050	.6078	.5745	-.1776
.100	.4933	.4896	.5392
.150	.4654	.4675	.4302
.200	.4836	.4788	.4327
.250	.5151	.4745	.4055
.300	.5151	.4745	.4055
.350	.5151	.4745	.4055
.400	.5151	.4745	.4055
.450	.5151	.4745	.4055
.500	.5151	.4745	.4055
.550	.5151	.4745	.4055
.600	.5151	.4745	.4055
.650	.5151	.4745	.4055
.700	.5151	.4745	.4055
.750	.5151	.4745	.4055
.800	.5151	.4745	.4055
.850	.5151	.4745	.4055
.900	.5151	.4745	.4055
.950	.5151	.4745	.4055
1.000	.5151	.4745	.4055

PARAMETRIC DATA

ELEVON = .000 RI JOER = .000
 BDFLAP = -14.250 BLA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 142

B26C9G15M7F8W116E26V8R5X9 LEFT MLG DOOR INSIDE

(RQQH04)

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Z/HG X/LG	.250	.500	.750
.000	.4452		-.2027
.050	.7647	.7359	.6925
.200	.6278	.6182	.5555
.300	.5896	.5879	.5502
.500	.5861	.5779	.4869
.700	.6048	.5684	.4289
.900	.3154	.4471	.4151
1.000	-.4432		-.3240

BETA (1) = .000 ALPHA (6) = 16.240

Z/HG X/LG	.250	.500	.750
.000	.2764		-.2440
.050	.8813	.8518	.8167
.200	.7342	.7217	.6536
.300	.6826	.6848	.6429
.500	.6775	.6679	.5675
.700	.6839	.6480	.4925
.900	.3951	.5182	.4890
1.000	-.2504		-.2376

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (OAG9)

PAGE 143

B2C9C15M7FBW116E26V8R5X9 LEFT MLG DOOR INSIDE

(R0QH05) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/HG X/LG	.250	.500	.750
.000	.6168		-.3963
.050	-.3062	-.1990	-.2110
.100	-.0225	.0000	-.0574
.150	.0023	.0190	-.0208
.200	.0678	.0699	-.0128
.250	.1366	.0824	-.1040
.300	.2361	-.0645	-.1125
.350	-.11322		-.10860

BETA (1) = 10.060 ALPHA (2) = .030

Z/HG X/LG	.250	.500	.750
.000	.4440		-.3636
.050	.1699	.1806	.1838
.100	.1308	.1540	.0959
.150	.1329	.1550	.1228
.200	.1580	.1751	.0972
.250	.2290	.1843	-.0052
.300	-.1760	.0172	.0142
.350	-.1177		-.10735

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.4749		-.2708
.050	.6856	.6540	.5945
.100	.4977	.4832	.2835
.150	.4394	.4429	.2741
.200	.4570	.4287	.1193
.250	.4713	.4030	.0744
.300	.0560	.2384	.2212
.350	-.11537		-.9508

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.500	.750
.000	.0748		-.2991
.050	.8847	.8573	.8096
.100	.6879	.6708	.4959
.150	.6273	.6204	.4411
.200	.5887	.5740	.3483
.250	.5753	.5285	.2701
.300	.1635	.3587	.3426
.350	-.7983		-.7628

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 144

(RDQH05)

B26C9G15M7F8W116E26VBR5X9 LEFT MLG DOOR INSIDE

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR INSIDE

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	-.0602		-.3630
.050	.9361	.9250	.8928
.200	.7724	.7583	.6108
.300	.7036	.6994	.5590
.500	.6430	.6403	.4505
.700	.6269	.5934	.3727
.900	.1818	.3746	.3919
1.000	-.5585		-.6177

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	-.3841		-.4706
.050	.9346	.9566	.9438
.200	.8281	.8174	.6934
.300	.7701	.7675	.6421
.500	.6751	.7014	.5370
.700	.6681	.6440	.4465
.900	.2480	.3899	.4582
1.000	-.3955		-.4276

REFERENCE DATA

SPEF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) MLG DOOR INSIDE

BETA (1) = -10.060 ALPHA (1) = -2.980

DEPENDENT VARIABLE CP

Z/HG X/LG	.250	.500	.750
.000	.9046		-.3903
.050	-.6212	-.6256	-.6450
.200	-.6770	-.6770	-.6706
.300	-.8623	-.8502	-.8398
.500	-.9115	-.9197	-.8877
.700	-.5944	-.6925	-.9736
.900	-.3909	-.5973	-1.1414
1.000	-1.1588		-1.1035

BETA (1) = -10.070 ALPHA (2) = .020

Z/HG X/LG	.250	.500	.750
.000	.9423		-.3730
.050	-.4076	-.4435	-.5453
.200	-.5079	-.5458	-.5556
.300	-.6720	-.6882	-.6750
.500	-.5672	-.5847	-.5821
.700	-.1845	-.2239	-.3128
.900	-.4121	-.2792	-.5082
1.000	-.9703		-.9625

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.9623		-.2435
.050	-.2597	-.2872	-.3652
.200	-.1693	-.1902	-.2577
.300	-.2064	-.2103	-.1572
.500	.0449	.0749	.1372
.700	.2152	.2149	.1765
.900	-.1353	-.0510	-.0480
1.000	-.7458		-.9050

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/HG X/LG	.250	.500	.750
.000	.9143		-.1783
.050	.0525	.0330	.0010
.200	.1757	.3870	.3830
.300	.3552	.3637	.3569
.500	.4233	.4132	.3734
.700	.4875	.4441	.3493
.900	.1376	.2375	.0854
1.000	-.5701		-.5470

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 146

(RQOH06)

B26C9G:5M7F8W11BE26V8R5X9 LEFT MLG DOOR INSIDE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) --10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	.8445		-.2474
.050	.5557	.4170	.2867
.200	.5287	.5349	.5010
.300	.4710	.4726	.4467
.500	.5292	.5099	.4629
.700	.5705	.5318	.4108
.900	.2637	.3422	.1936
1.000	-.4052		-.3427

BETA (1) --10.050 ALPHA (5) = 16.220

Z/HG X/LG	.250	.500	.750
.000	.7491		-.3397
.050	.7439	.6787	.6352
.200	.5533	.6425	.5061
.300	.5789	.5714	.5436
.500	.6121	.5943	.5526
.700	.5556	.6228	.5072
.900	.3515	.4477	.3211
1.000	-.2319		-.1350

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR AIRLOAD LEFT TEST 711 (01691)

PAGE 147

(R00H07) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = 0.000 INCHES
BREF = 37.9360 INCHES ZMRP = 15.2000 INCHES
SCALE = 1.0405 SCALE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -0.010 ALPHA (1) = -2.050

Z/HG X/LG	.250	.500	.750
.000	.9504		-.2356
.050	-.7365	-.7629	-.8051
.100	-.6476	-.6323	-.6545
.150	-.6403	-.6258	-.5954
.200	-.1932	-.1325	-.0853
.250	-.0786	-.0472	-.0540
.300	-.3328	-.1128	-.0266
.350	-.1215		-.1347

BETA (1) = .000 ALPHA (2) = .050

Z/HG X/LG	.250	.500	.750
.000	.9542		-.2053
.050	-.7214	-.6509	-.7707
.100	-.1126	-.0956	-.0213
.150	-.1311	-.0445	-.0245
.200	.1246	.1223	.0549
.250	.2183	.1533	-.0115
.300	-.2049	-.0539	-.2104
.350	-.12291		-.12702

BETA (1) = .000 ALPHA (3) = 5.030

Z/HG X/LG	.250	.500	.750
.000	.9275		-.1629
.050	.2511	.102	-.0028
.100	.2607	.2224	.2223
.150	.2129	.2229	.1738
.200	.2826	.2235	.1867
.250	.3712	.3020	.0701
.300	-.0378	.0555	-.0570
.350	-.11270		-.10018

BETA (1) = .000 ALPHA (4) = 10.100

Z/HG X/LG	.250	.500	.750
.000	.6417		-.1776
.050	.5078	.5745	.5392
.100	.4933	.4836	.4302
.150	.3245	.302	.302
.200	.125	.104	.3391
.250	.4825	.4311	.2242
.300	-.0800	.2231	.1103
.350	-.6851		-.6892

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 148

(R00H07)

B26C9G15H7F8W116E26V8R5X9 LEFT MLG DOOR INSIDE

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR INSIDE

BETA (1) = .000 ALPHA (5) = 13.220

Z/HG X/LG	.250	.500	.750
.000	.4453		-.2027
.050	.7647	.7359	.6925
.200	.6278	.6182	.5555
.300	.5252	.5179	.4801
.500	.5251	.5139	.4345
.700	.5804	.5324	.3747
.900	.2012	.3280	.2800
1.000	-.7153		-.5211

BETA (1) = .000 ALPHA (6) = 16.240

Z/HG X/LG	.250	.500	.750
.000	.2764		-.2440
.050	.8813	.8518	.8167
.200	.7342	.7217	.6536
.300	.6371	.6261	.5870
.500	.6235	.6079	.5064
.700	.6625	.6189	.4546
.900	.3255	.4341	.3661
1.000	-.5294		-.3860

REFERENCE DATA
 SREF = 4.4120 SQ. FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = 0.0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 15.2000 INCHES
 SCALE = 1.435 SCALE

SECTION (1) MLG DOOR INSIDE DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/HG X/LG	.250	.500	.750
.000	.6168		-.3963
.050	-.3082	-.1990	-.2110
.100	-.0225	.0000	-.0574
.150	-.0893	-.0637	-.1053
.200	.0034	.0011	-.0853
.250	87.9999	87.9999	87.9999
.300	-.3239	-.1607	-.2348
.350	1.000	-.13438	-1.2812

BETA (1) = 10.050 ALPHA (2) = .030

Z/HG X/LG	.250	.500	.750
.000	.4440		-.3636
.050	.1699	.1806	.1838
.100	.1308	.1543	.0959
.150	.0468	.0715	.0451
.200	.0657	.1557	.0337
.250	.1854	.1278	-.0616
.300	-.2838	-.0933	-.0901
.350	-1.3775	-.12788	-1.2788

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.4749		-.2708
.050	.6856	.6540	.5945
.100	.4977	.4832	.2835
.150	.3574	.3608	.2322
.200	.2802	.3534	.0108
.250	.4307	.3577	.0057
.300	-.0413	.1174	.0695
.350	-1.4383	-1.1500	

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.500	.750
.000	.0749		-.2931
.050	.8347	.8573	.8096
.100	.6879	.6708	.4959
.150	.5653	.5513	.3485
.200	.5283	.5055	.2375
.250	.5528	.4941	.2214
.300	.0512	.12494	.2120
.350	-1.0991	-.9389	

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 150

(R00H08)

826C9015M7F8W116E26V8R5X9 LEFT MLG DOOR INSIDE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	-.0502		-.3630
.050	.9361	.9250	.8928
.200	.7724	.7583	.6108
.300	.6654	.6514	.4842
.500	.6098	.5945	.3722
.700	.6182	.5718	.3376
.900	.1563	.3334	.3136
1.000	-.8580		-.7959

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	-.3841		-.4706
.050	.9346	.9566	.9438
.200	.8281	.8174	.6934
.300	.7390	.7280	.5923
.500	.6525	.6585	.4741
.700	.6537	.6269	.4232
.900	.1647	.3566	.3638
1.000	-.6445		-.6706

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 151

B26C9015MTF841:5E26V8R5X9 LEFT MLG DOOR INSIDE

(R00H09) (04 OCT 75)

REFERENCE DATA

SREF = 9.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = 30.00 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) --10.060 ALPHA (1) = -2.980

Z/HG X/LG	.250	.500	.750
.000	.9046		-.3903
.050	-.6212	-.6256	-.6450
.200	-.6752	-.6770	-.6706
.300	-.9224	-.9280	-.9092
.500	-.9809	-.9943	-.9528
.700	-.6335	-.7722	-.10435
.900	-.4059	-.6630	-.10663
1.000	-1.2089		-.12076

BETA (1) --10.070 ALPHA (2) = .320

Z/HG X/LG	.250	.500	.750
.000	.9423		-.3730
.050	-.4076	-.4435	-.5453
.200	-.5079	-.5458	-.5556
.300	-.7014	-.7213	-.7107
.500	-.6430	-.6569	-.6764
.700	-.2125	-.2508	-.3885
.900	-.3513	-.2573	-.7063
1.000	-1.0365		-.10745

BETA (1) --10.070 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.9623		-.2435
.050	-.2597	-.2872	-.3652
.200	-.1689	-.1902	-.2577
.300	-.2033	-.2139	-.1552
.500	.0361	.0595	.1267
.700	.2114	.2017	.1681
.900	-.1602	-.0197	.0957
1.000	-.7834		-.9130

BETA (1) --10.060 ALPHA (4) = 10.090

Z/HG X/LG	.250	.500	.750
.000	.9143		-.1783
.050	.0525	.0330	.0010
.200	.4067	.3870	.3830
.300	.3568	.3637	.3615
.500	.4195	.4086	.3711
.700	.4809	.4260	.3272
.900	.1853	.3062	.2200
1.000	-.5602		-.6365

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
BOFLAP = -14.250 BETA = -10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A89)

PAGE 152

(RQKH09)

B06C9G15W7F8W116E26V8R5X9 LEFT MLG DOOR INSIDE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	.8445		-.2474
.050	.5667	.4170	.2867
.200	.5287	.5349	.5010
.300	.4851	.4732	.4477
.500	.5156	.4973	.4539
.700	.5746	.5186	.3977
.900	.3057	.4139	.3266
1.000	-.3521		-.4025

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	.7481		-.3397
.050	.7439	.6787	.6362
.200	.6533	.6425	.6061
.300	.5732	.5710	.5442
.500	.6017	.5840	.5442
.700	.6432	.5918	.4674
.900	.3947	.4909	.4193
1.000	-.2054		-.1817

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 153

B26C9C:5MTF8W116E26V8R5X9 LEFT MLG DOOR INSIDE (ROOM10) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9300 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950

Z/HG X/LG	.250	.500	.750
.000	.9604		-.2356
.050	-.7365	-.7629	-.8061
.200	-.6476	-.6323	-.6645
.300	-.6838	-.6701	-.6475
.500	-.2527	-.1950	-.1302
.700	-.0014	-.0223	-.1121
.900	-.3389	-.1905	-.1904
1.000	-1.3229		-1.4645

BETA (1) = .000 ALPHA (2) = .050

Z/HG X/LG	.250	.500	.750
.000	.9542		-.2063
.050	-.7214	-.6609	-.7707
.200	-.1126	-.0956	-.0213
.300	-.1836	-.0858	.0109
.500	.1038	.1134	.0457
.700	.1829	.1171	-.0554
.900	-.1211	-.0143	-.1130
1.000	-1.2936		-1.3860

BETA (1) = .000 ALPHA (3) = 5.030

Z/HG X/LG	.250	.500	.750
.000	.8675		-.1659
.050	.2511	.1002	.0028
.200	.2807	.2924	.2223
.300	.2125	.2248	.1779
.500	.2765	.2586	.1766
.700	.3495	.2743	.0336
.900	.0782	.1691	.0589
1.000	-1.0991		-1.0962

BETA (1) = .000 ALPHA (4) = 10.100

Z/HG X/LG	.250	.500	.750
.000	.6417		-.1776
.050	.6078	.5745	.5392
.200	.4933	.4896	.4302
.300	.3980	.4020	.3665
.500	.4151	.4034	.3330
.700	.4576	.3908	.1664
.900	.2116	.2950	.2239
1.000	-.8394		-.7353

PARAMETRIC DATA

ELEVON = -.40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A69)

PAGE 154

(ROOM10)

B26C901SM7F8W116E26VR5X9 LEFT MLG DOOR INSIDE

DEPENDENT VARIABLE CP

SECTION (1) MLG DOOR INSIDE

BETA (1) = .000 ALPHA (5) = 13.220

Z/HG X/LG	.250	.500	.750
.000	.4453	.7359	-.2027
.050	.7647	.6182	.6925
.100	.6278	.5202	.5555
.150	.5220	.5003	.4834
.200	.5122	.4784	.4225
.250	.5360	.3724	.3031
.300	.2902	.3627	.3627
.350	-.6591	-.5865	-.5865
.400			
.450			
.500			
.550			
.600			
.650			
.700			
.750			
.800			
.850			
.900			
.950			
1.000			

BETA (1) = .000 ALPHA (6) = 15.240

Z/HG X/LG	.250	.500	.750
.000	.2764	.8518	-.2440
.050	.8913	.7217	.8167
.100	.7342	.6271	.6536
.150	.6327	.5215	.5877
.200	.6083	.5679	.4913
.250	.6203	.4546	.3655
.300	.5891	.4392	.4392
.350	-.4849	-.4265	-.4265
.400			
.450			
.500			
.550			
.600			
.650			
.700			
.750			
.800			
.850			
.900			
.950			
1.000			

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 155

B2C03015-7FBW16E26N8P5X9 LEFT MLG DOOR INSIDE

(R00H11) (04 OCT 75)

REFERENCE DATA

SREF = 9.4120 SQ.FT. XMRP = 33.5500 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) MLG DOOR INSIDE

BETA (1) = 10.050 ALPHA (1) = -2.970

DEPENDENT VARIABLE CP

Z/HG X/LG	.250	.500	.750
.000	.6167		
.050	-.3062	-.1990	-.3963
.100	-.0225	.0000	-.2110
.150	-.1167	-.0919	-.0574
.200	-.0241	-.0255	-.1105
.250	.0590	-.0068	-.2207
.300	-.2223	-.1662	-.2222
.350	-.14093		-.14160

BETA (1) = 10.060 ALPHA (2) = .030

Z/HG X/LG	.250	.500	.750
.000	.4440		
.050	-.1699	.1806	-.3636
.100	.1308	.1540	-.1838
.150	.0266	.0552	.0959
.200	.0645	.0838	.0307
.250	.1434	.0897	.0153
.300	-.1268	-.0892	-.1117
.350	-.14005		-.0723
.400			-.13334

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.500	.750
.000	.4749		
.050	.6656	.6540	-.2708
.100	.4977	.4832	.5945
.150	.3546	.3624	.2835
.200	.3708	.3393	.2325
.250	.3940	.3100	-.0063
.300	.1645	.1309	-.0657
.350	-.13704		-.2187
.400			-.12372

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.500	.750
.000	.0748		
.050	.8047	.8573	-.2991
.100	.6379	.6708	.8096
.150	.5046	.5435	.4959
.200	.5004	.4950	.3450
.250	.5033	.4463	.2721
.300	.2669	.2399	.1491
.350	-.10938		.3940
.400			-.10200

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BOFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 156

B26C9G15M7F8W116E26V8R5X9 LEFT MLG DOOR INSIDE

(RDQH11)

SECTION (1) MLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.500	.750
.000	-.0602		-.3630
.050	.9361	.9250	.8928
.200	.7724	.7583	.6108
.300	.6540	.6458	.4718
.500	.5997	.5812	.3563
.700	.5790	.5284	.2696
.900	.3365	.3193	.4789
1.000	-.8483		-.8547

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.500	.750
.000	-.3841		-.4706
.050	.9346	.9566	.9438
.200	.8281	.8174	.6934
.300	.7249	.7222	.5792
.500	.6493	.6502	.4617
.700	.6362	.5996	.3815
.900	.3918	.3434	.5153
1.000	-.6425		-.7072

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 157

B26C9G:5M7FBW1:6E26V8RSX9 LEFT NLG DOOR OUTSIDE (RQJ03) (04 OCT 75)

REFERENCE DATA

SREF = 4.1120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
BDFLAP = -14.250 BETA = -10.000

SECTION (1) NLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (1) = -2.980

Z/HG X/LG	.250	.750
.000	.1942	.6745
.050	.2791	.1729
.100	.1275	.0922
.150	.4376	.1439
.200	.1950	.1704
.250	.0330	-.0262
.300	-.0934	.0116
.350	-.9071	-.8327

BETA (1) = -10.070 ALPHA (2) = .020

Z/HG X/LG	.250	.750
.000	.2558	.7188
.050	.3193	.2132
.100	.1542	.1307
.150	.4870	.1840
.200	.2340	.2084
.250	.0857	.0342
.300	-.0368	.0634
.350	-.7910	-.7159

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/HG X/LG	.250	.750
.000	.3591	.7611
.050	.4179	.3112
.100	.2602	.2312
.150	.5155	.2785
.200	.3150	.2707
.250	.1763	.1303
.300	.0691	.1526
.350	-.7059	-.5978

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/HG X/LG	.250	.750
.000	.4534	.7919
.050	.5175	.4241
.100	.3703	.3481
.150	.5661	.3813
.200	.3919	.3417
.250	.2524	.2248
.300	.1692	.2359
.350	-.6405	-.4598

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSNT TEST 711 (0A69)

PAGE 158

(RQJ03)

826C9G15W7F8W116E26V8R5X9 LEFT NLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

SECTION (1) NLG DOOR OUTSIDE

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/HG X/LG	.250	.750
.000	.5083	.8073
.050	.5709	.4814
.200	.4318	.4289
.350	.6108	.4372
.500	.4389	.3937
.700	.3171	.2878
.900	.2201	.2807
1.000	-.5527	-.3859

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.750
.000	.5569	.8221
.050	.6201	.5590
.200	.4933	.4833
.300	.6516	.4918
.500	.4913	.4500
.700	.3771	.3496
.900	.2686	.3222
1.000	-.4734	-.3093

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 159

B26C9G15M7FJW11B26V8R5X9 LEFT NLG DOOR OUTSIDE

(RDQJ04)

(04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) NLG DOOR OUTSIDE

BETA (1) = -.010 ALPHA (1) = -2.950

Z/HG X/LG	.250	.750
.000	.3515	.7636
.050	.0296	-.0719
.200	.0000	.0852
.300	.2685	.0680
.500	.1096	.0977
.700	-.0859	-.0391
.900	-.1115	-.0758
1.000	-.8788	-.7704

BETA (1) = .000 ALPHA (2) = .050

Z/HG X/LG	.250	.750
.000	.3508	.7755
.050	.0545	-.0023
.200	.0425	.1302
.300	.2920	.1032
.500	.1461	.1366
.700	-.0314	.0110
.900	-.0507	-.0226
1.000	-.7372	-.6606

BETA (1) = .000 ALPHA (3) = 5.030

Z/HG X/LG	.250	.750
.000	.4170	.7996
.050	.1345	.1748
.200	.1431	.1916
.300	.3275	.1830
.500	.2210	.2187
.700	.0510	.0866
.900	.0370	.0505
1.000	-.5983	-.5595

BETA (1) = .000 ALPHA (4) = 10.100

Z/HG X/LG	.250	.750
.000	.4840	.8255
.050	.2738	.3299
.200	.2449	.2825
.300	.4314	.2718
.500	.2950	.2917
.700	.1397	.1615
.900	.1262	.1318
1.000	-.4619	-.4847

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DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

(RQJ04)

B26C9G15M7F8W11E26V8R5X9 LEFT NLG DOOR OUTSIDE

SECTION (1) INLC DOOR OUTSIDE DEPENDENT VARIABLE CP

BETA (1) =	.000	ALPHA (5) =	13.220	Z/HG	X/LG	
				.250	.750	
				.5267	.8375	
				.3758	.4005	
				.3130	.3433	
				.4913	.3219	
				.3389	.3383	
				.1949	.2041	
				.1740	.1826	
				.900	.1826	
				1.000	-.4311	-.4225
BETA (1) =	.000	ALPHA (6) =	15.240	Z/HG	X/LG	
				.250	.750	
				.5685	.8554	
				.4593	.4605	
				.3576	.4005	
				.5347	.3707	
				.3762	.3795	
				.2481	.2470	
				.2194	.2468	
				.3324	-.3673	
				1.000		

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (OAS9)

PAGE 161

(ROQJ05) (04 OCT 75)

R26C9G15H7FBW116E26V8RSX9 LEFT NLG DOOR OUTSIDE

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) NLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/HG X/LG	.250	.750
.000	.2228	.6612
.050	-.5952	-.5002
.200	-.3203	-.2475
.300	.1330	-.1597
.500	-.0862	-.3196
.700	-.1947	-.4391
.900	-.2065	-.5000
1.000	-.1147	-1.0425

BETA (1) = 10.060 ALPHA (2) = .030

Z/HG X/LG	.250	.750
.000	.1754	.6706
.050	-.5023	-.4028
.200	-.2621	-.1944
.300	.1862	-.1091
.500	-.0430	-.2707
.700	-.1266	-.3584
.900	-.1383	-.2046
1.000	-.7319	-.9204

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.750
.000	.3296	.6818
.050	-.3085	-.2145
.200	-.0981	-.0974
.300	.2811	-.0383
.500	.0213	-.1789
.700	-.0420	-.2580
.900	-.0712	-.1720
1.000	-.5869	-.8367

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.750
.000	.3899	.6938
.050	-.1663	-.0220
.200	.0519	.0029
.300	.3289	.0318
.500	.0915	-.1096
.700	.0324	-.1568
.900	-.0116	-.1585
1.000	-.4870	-.6990

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

FABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 162

(R00J05)

826C9G15M7F8W116E26V8R5X9 LEFT NLG DOOR OUTSIDE

SECTION (1) NLG DOOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	.250	.750
.000	.4229	.6981
.050	-.0581	.1054
.200	.1003	.0572
.300	.3362	.0755
.500	.1297	-.0916
.700	.0770	-.1177
.900	.0179	-.1611
1.000	-.4088	-.5912

BETA (1) = 10.050 ALPHA (5) = 16.220

Z/HG X/LG	.250	.750
.000	.4539	.6998
.050	.0495	.1635
.200	.0334	.1116
.300	.3558	.1276
.500	.1593	-.0865
.700	.1149	-.1046
.900	.0481	-.1436
1.000	-.3719	-.5134

DATE 22 OCT 75

ABULATED PRESSURE DATA FOR NRIAD LSWT TES 711 (0A69)

PAGE 163

B2EC901547F8116E26V8R5X9 LEFT NLG DOOR INSIDE

(R00K03) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 50.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

SECTION (1) NLG DOOR INSIDE DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (1) = -2.980

Z/HG X/LG	.250	.750
.000	.1942	.6745
.050	-.1560	-.1890
.200	-.3144	-.2363
.300	-.1745	-.0145
.500	.0421	.1676
.700	.0084	.0771
.900	.1828	.1652
1.000	-.9071	-.8327

BETA (1) = -10.070 ALPHA (2) = .020

Z/HG X/LG	.250	.750
.000	.2558	.7188
.050	-.1008	-.1281
.200	-.2439	-.1738
.300	-.0940	.0518
.500	.1096	.2282
.700	.0795	.1436
.900	.2361	.2170
1.000	-.7910	-.7159

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/HG X/LG	.250	.750
.000	.3591	.7611
.050	.0029	-.0262
.200	-.1663	-.0709
.300	.0492	.1646
.500	.2142	.3231
.700	.1697	.2419
.900	.3332	.3219
1.000	-.7059	-.5878

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/HG X/LG	.250	.750
.000	.4534	.7919
.050	.1127	.0869
.200	-.0705	.0392
.300	.1759	.2622
.500	.3064	.3971
.700	.2445	.3198
.900	.4144	.4097
1.000	-.6405	-.4598

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 164

(R00K03)

B26C9G15M7F8W116E26V8R5X9 LEFT NLG DOOR INSIDE

SECTION (1) NLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/HG X/LG	.250	.750
.000	.5083	.8073
.050	.1784	.1502
.200	-.0014	.1114
.300	.2483	.3129
.500	.3597	.4297
.700	.2944	.3652
.900	.4514	.4461
1.000	-.5527	-.3869

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/HG X/LG	.250	.750
.000	.5569	.8221
.050	.2332	.2039
.200	.0698	.1812
.300	.3211	.3568
.500	.4103	.4634
.700	.3420	.4084
.900	.4790	.4635
1.000	-.4734	-.3093

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (CA69)

PAGE 163

B26C9G15M7F8W116E26V8R5X9 LEFT NLG DOOR INSIDE (ROCKON) (04 OCT 75)

REFERENCE DATA

SPEF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALF = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) NLG DOOR INSIDE

BETA (1) = -.010	ALPHA (1) = -2.950	Z/HG X/LG	.250	.750
		.000	.3515	.7636
		.050	-.1032	-.0618
		.200	-.0572	.0034
		.300	.2221	.1972
		.500	.2454	.3812
		.700	.1349	.2321
		.900	.4229	.4812
		1.000	-.8788	-.7704

BETA (1) = .030 ALPHA (2) = .050

Z/HG X/LG	.250	.750
.000	.3508	.7755
.050	-.0508	-.0133
.200	-.0148	.0460
.300	.2632	.2339
.500	.2893	.4153
.700	.1885	.2900
.900	.4761	.5075
1.000	-.7372	-.6606

BETA (1) = .000 ALPHA (3) = 5.030

Z/HG X/LG	.250	.750
.000	.4170	.7996
.050	.0512	.0756
.200	.0963	.1535
.300	.3575	.3194
.500	.3798	.4878
.700	.2899	.3686
.900	.5923	.5618
1.000	-.5983	-.5595

BETA (1) = .000 ALPHA (4) = 10.100

Z/HG X/LG	.250	.750
.000	.4040	.8255
.050	.1557	.1593
.200	.2147	.2639
.300	.4735	.4129
.500	.4727	.5531
.700	.3914	.4550
.900	.6774	.6030
1.000	-.4619	-.4947

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 166

(BOOK04)

B26C9C15M7F8W116E26V8R5X9 LEFT NLG DOOR INSIDE

SECTION (1) NLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Z/HG X/LG	.250	.750
.000	.5267	.8375
.050	.2223	.2154
.200	.2827	.3286
.300	.5276	.4680
.500	.5207	.5786
.700	.4519	.5001
.900	.6568	.6160
1.000	-.4311	-.4225

BETA (1) = .000 ALPHA (6) = 16.240

Z/HG X/LG	.250	.750
.000	.5685	.8554
.050	.2885	.2697
.200	.3589	.3931
.300	.5747	.5196
.500	.5672	.5986
.700	.4936	.5416
.900	.7209	.6433
1.000	-.3324	-.3673

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (CA69)

PAGE 167

B26C9015H7F8W116E26VBR5X9 LEFT NLG DOOR INSIDE (R00X05) (04 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33 9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16 2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) NLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/HG X/LG	.250	.750
.000	.2228	.6612
.050	-.3094	-.0413
.200	-.2308	.0347
.300	.3205	.1883
.500	.1695	.3331
.700	-.1128	.0895
.900	.4886	.3581
1.000	-.9147	-1.0425

BETA (1) = 10.060 ALPHA (2) = .030

Z/HG X/LG	.250	.750
.000	.2564	.6705
.050	-.2447	.0057
.200	-.1798	.0807
.300	.3520	.2375
.500	.2314	.3660
.700	-.0430	.1441
.900	.5305	.4007
1.000	-.7319	-.9204

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/HG X/LG	.250	.750
.000	.3296	.6818
.050	-.1109	.1016
.200	-.0721	.1816
.300	.4201	.3282
.500	.3253	.4495
.700	.0713	.2383
.900	.5936	.4635
1.000	-.5969	-.8367

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/HG X/LG	.250	.750
.000	.3899	.6938
.050	.0116	.1915
.200	.0375	.2010
.300	.4894	.4081
.500	.4332	.5039
.700	.1755	.3105
.900	.6330	.5159
1.000	-.4870	-.6990

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 168

826C9015M7F8W116E26VBR5X9 LEFT NLG DOOR INSIDE

(ROOK05)

SECTION (1) INLG DOOR INSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/HG X/LG	250	.750
.000	.4229	.6981
.050	.0843	.2460
.200	.0990	.3351
.300	.5316	.4573
.500	.4854	.6095
.700	.2305	.3612
.900	.6557	.5447
1.000	-.4088	-.5912

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/HG X/LG	250	.750
.000	.4539	.6998
.050	.1632	.3053
.200	.1836	.3819
.300	.5655	.4954
.500	.5174	.6317
.700	.2865	.4087
.900	.6868	.5727
1.000	-.3719	-.5134

LABULATED PRESSURE DATA FOR NRLAD LSWY TEST 711 (0A69)

PAGE 169

(ROQ L 33) (03 OCT 75)

REFERENCE DATA

SPEF	=	4.120	SO.FT.	=	33.9580	INCHES
LREF	=	19.2300	INCHES	=	.0000	INCHES
BREF	=	37.9360	INCHES	=	10.2000	INCHES
SCALE	=		SCALE	=	0405	

SECTION 1 LEFT LOWER WING

$$\text{BETA} (1) = -10.060 \quad \text{ALPHA} (1) = -2.980$$

DEPENDENT VARIABLE CP

Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW							
.000	-.3318	-.8043	-.4390	-.3478	-.5841	-.2074	-.2608
.020			.0239	-.9153	-1.1584	-1.4540	-1.3849
.050				-.7036	-.7880	-.7899	-.7704
.052			.2037				
.080		-.1373					
.088	-.2519			-.3712	-.4848	-.5358	-.5430
.150			-.2337				
.150	-.1454						
.222		.1674					
.240							
.250	-.2360			-.3552	-.3712	-.3223	-.2920
.359							
.400				-.4220	-.3341		-.3640
.431			-.4096				
.452	-.6130						
.550			-.4076	-.3512	-.3165		-.3460
.574						-.3152	
.600					-.2926		
.650	-.3778			-.4212		-.3585	-.3949
.695			-.4096				
.700			-.3437	-.4318	-.3724		
.725							
.750				-.2299	-.3145	-.2052	
.753			-.3001				
.810	-.3755						
.831							
.850	-.3181						
.859	-.3154			-.1613			-.2966
.864							
.903			-.2609	-.0279	0308	-.0579	
.900							
.950			-.1820				
.952							
.966	-.2765						

PARAMETRIC DATA

ELEVON	=	.000	RUDDER	=	.000
BOFLAP	=	-14.250	BETA	=	-10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSW TEST 711 (0A69)

PAGE 170

B26C9G15M7F8W11E26V8RSX9 LEFT LOWER WING

(R00L03)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.070 ALPHA (2) = .020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.0725	-.4756	-.0825	.0237	.0220	.3164	.1395
.050			.2397	-.3768	-.3334	-.4963	-.5336
.052				-.3628	-.4005	-.3818	-.2911
.080		.0452	.2538				
.088	-.0675						
.150			-.1262	-.2233	-.2530	-.2941	-.2903
.195	.0174						
.222		.3179					
.240				-.2012	-.2050	-.1692	-.1428
.250	-.0218			-.3277	-.2191		-.2184
.358			-.4184				
.400	-.2685		-.3278	-.2826	-.2327		
.431						-.2471	-.2493
.492							
.550	-.2937			-.3788	-.2281		
.574						-.2875	-.3320
.600							
.650							
.695							
.700							
.725							
.750				-.3827			
.763				-.4012	-.3239		
.775				-.3071			
.810	-.3271						
.831							
.850				-.2024	-.2830	-.1550	
.858							
.864	-.2687						
.898	-.2718						
.900				-.1350			-.2656
.905				-.2277			
.950				.0183	.0903	-.0151	
.952				-.1283			
.966	-.2230						

BETA (1) = -10.070 ALPHA (3) = 5.020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.898							
.900							
.905							
.950							
.952							
.966							

TABLE 1. TEMPERATURE PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

826C9G15M7F8W16E26V8R5X9 LEFT LOWER WING

(R00L03)

DEPENDENT VARIABLE CP

SECTION (1) LEFT LOWER WING

BEA : 1) = -10.060 ALPHA (4) = 10.090

.299	.352	.405	.534	.673	.780	.887
X/YBW						
X/CW						
.550						
.574						
.600						
.630						
.695		.0648			- .0772	- .0350
.700	.0128					
.725				.0284		
.750						
.763		- .0874			- .0569	- .1593
.775		- .0532	- .1303	- .1099		
.810						
.831	- .0917		- .0249	- .0846	- .0422	
.850		- .0838				
.858	- .0831					
.898	- .0917		.1282			- .2815
.900		- .0803	.1900	.2423	.0736	
.935						
.950		.0086				
.952						
.966	- .0331					
Y/BW	.299	.352	.405	.534	.673	.780
X/CW						
.000	- .1313	- .9778	- 1.6515	- 1.0149	- 1.1729	- 1.0876
.020			.0613	- .0294	- .0141	- .1856
.050				.4552	.4972	.1989
.052			.2583			.4088
.080		.4129				
.088	.1606			.3982	.4559	.3562
.150						.4020
.195		.1054				
.222	.3998					
.240		.6218				
.250				.3592	.3547	.2916
.358	.4096			.2837	.2456	.0889
.400						
.431			.1855			
.492	.5722			.2356	.1678	
.550						- .0385
.574			.1891			- .0929
.600						
.650	.1575					.1005
.695						
.700						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 173

926C915M7F8W116E26V8R5X9 LEFT LOWER WING

(R00L03)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750				.0756			
.763			.0079				
.775			.0320				
.810							
.831		.0360					
.850							
.858							
.864		.285					
.888							
.900							
.905							
.950							
.952							
.966		.0199					

BETA (1) = -10.050 ALPHA (5) = 16.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.100							
.105							
.122							
.140							
.150							
.155							
.170							
.180							
.185							
.200							
.250							
.358							
.400							
.431							
.432							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAG9)

PAGE 174

826C9G15M7F8W116E26V8R5X9 LEFT LOWER WING (RD0L03)

SECTION (1) LEFT LOWER WING

BETA (1) = -10.050 ALPHA (6) = 15.220

DEPENDENT VARIABLE CP

Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW			.1409	.1563	.0982	-.0734	
.850							
.858							
.864	.1965						
.898	.1524						
.900				.1531			-.4905
.905			.1172	.2562	.2087	-.1946	
.950			.1241				
.952							
.966	.1315						

DATE 22 OCT 75

LABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 175

B26C951E7F8W116E26V8P5X9 LEFT LOWER WING

(R00L04) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BRP = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) LEFT LOWER WING

BETA (1) = -.010 ALPHA (1) = -2.950

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

Y/BW X/CH	.299	.352	.405	.534	.673	.780	.887
.000	-.1095	-.6353	-.2869	-.5075	-.7974	-.2504	-.5347
.020		.1187	-.8355	-1.0358	-1.2684	-1.3211	
.050		.0129	-.6569	-.7880	-.7422	-.6846	
.100		.0105					
.150	-.0751						
.200			-.3839	-.4313	-.5251	-.5463	-.5357
.250	-.0069	.2770					
.300	.0163		-.4404	-.4099	-.3425	-.3160	
.350			-.4545	-.3506		-.3369	
.400	-.0313	-.7028					
.450			-.4185	-.3620	-.3371		
.500						-.3165	
.550	-.3164						
.600				-.3987	-.2860		
.650						-.3462	-.3839
.700			-.3907				
.750			-.3175	-.4232	-.3665		
.800	-.3122						
.850			-.2796	-.2261	-.2973	-.2074	
.900	-.2531						
.950	-.2460						
.966			-.2367	-.1640			-.2884
			-.1545	-.0088	.0218	-.0737	
	-.1952						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 177

926C9G15M7F8W116E26V8R5X9 LEFT LOWER WING

(R00L04)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (3) = 5.030

Y/B4 X/CW	.299	.352	.405	.534	.673	.780	.887
.240		.4349					
.250				-.0728	-.0213	-.0080	-.0562
.358	.1784						
.400				-.1186	-.0738		-.1410
.431			-.2809				
.492	.3414						
.550				-.1075	-.1136		
.574			-.1732				
.600							
.650							
.695	-.2034				-.2073		-.1586
.700					-.1203		
.725				-.2180		-.1911	-.2146
.750			-.2904				
.763			-.2314	-.2919	-.2436		
.775							
.810	-.2617			-.1398	-.1835	-.1136	
.831							
.850			-.2257				
.858							
.864	-.2170						
.898	-.2251			-.0829			-.2685
.900			-.2062	.1143	.1361	.0135	
.905			-.1008				
.950							
.952							
.965	-.1681						
Y/B4 X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.3011	-.9288	-.1469	-.7581	-.7329	-.5006	-1.0968
.020			-.3832	.0212	.0884	-.2391	.1934
.050				.2011	.3270	-.0135	.3295
.052							
.080		.2304					
.088	-.0381						
.150				.2030	.2392	.1330	.2305
.195			-.3403				
.222	.2340						
.240		.3967					
.250				.1841	.1657	.1029	.0749
.358	.2104						
.400				.1280	.0869		-.0301
.431			-.0203				
.492	.4725						

BETA (1) = .000 ALPHA (4) = 10.100

CAVE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 178

B25C9G15M7F8W116E26V8R5X9 LEFT LOWER WING

(R00L04)

SECTION (1 LEFT LOWER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (4) = 10.100$$

201X
201Y

MB/X

- .0386	.0745	.0180	- .1311
- .0426		- .1235	
	- .0629	- .0036	- .1995
	- .1767	- .1680	- .2028
- .1341	- .1450		
	- .1238	- .1002	- .0895
- .1018			
- .1320	- .0278		- .3027
	- .1194		
	.1781	.1617	.0089
- .1080	- .0640		

BETA (1) = .000 ALPHA (5) = 13.220

Y/B/H
X/C/H

Y/B/A
X/C/W

[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSNT TEST 711 (0A69)

PAGE 180

B26C9G15H7F3W116E26V8P5X9 LEFT LOWER WING

(RDOL04)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (6) = 16.240

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.850							
.858			.1035	.0417	-.0528	-.0960	
.864	.1464						
.898	.0424						
.900				.0350			-.4313
.905			.0851				
.950			.1266	.1104	.1804	-.1338	
.952							
.956	.0774						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 181

936C3G:5M7FBM:16E26VBR5X9 LEFT LOWER WING

(R00L05) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT XMRP = 33.0580 INCHES
 LREF = 19.2300 INCHES YMRP = 0.000 INCHES
 BREF = 37.9350 INCHES ZMRP = 15.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) LEFT LOWER WING

BETA (1) = 10.050 ALPHA (1) = -2.970

DEPENDENT VARIABLE CP

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 SDFLAP = -14.250 BETA = 10.000

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.1274	-.4416	-.1842	-.6559	-.9835	-.2252	-.7076
.020			.0761	-.7331	-1.0298	-1.1071	-1.3159
.050				-.6392	-.7015	-.6928	-.5889
.080		.0023	-.1906				
.100							
.150	-.0811			-.4394	-.5214	-.5065	-.5058
.200		.1673	-.5005				
.250	-.0247			-.4578	-.3933	-.3275	-.3220
.300				-.3909	-.3265		-.3228
.350	-.0189		-.5880				
.400				-.3209	-.3036		
.450	.0657		-.3761				-.2810
.500						-.3335	
.550							
.600							
.650	-.3308						
.700				-.3497			
.725						-.3020	-.2993
.750			-.3537				
.763				-.3884	-.3379		
.775			-.2953				
.810							
.831	-.3201						
.850			-.2712			-.1953	
.869							
.884	-.2615						
.898	-.2615						
.900							
.905			-.2384				-.2571
.950				-.1480			
.952			.0299		.0456	-.0562	
.956			-.1675				
.966	-.2150						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 182

B26C90:5M7F9W:16E26VBR5X9 LEFT LOWER WING

(RODL05)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.060 ALPHA (2) = .030

Y/BW

X/CW

.000	.299	.352	.405	.534	.673	.780	.887
.020	-.1950	-.4276	-.2426	-.3399	-.2560	.3083	-.2393
.050			.0750	-.2940	-.0111	-.4877	-.6140
.052				-.3741	-.3947	-.4178	-.2826
.080			-.2595				
.088		.0450					
.150	-.0924			-.3046	-.3204	-.3140	-.3096
.195			-.4751				
.222	.0169						
.240	.2151						
.250				-.3153	-.2522	-.2180	-.2416
.358	.0207			-.2846	-.2276		-.2658
.400							
.431			-.4873				
.492	.1800			-.2333	-.2317		
.550			-.3172				-.2309
.574						-.3019	
.600							
.650	-.3071				-.1998		
.695				-.2992		-.2671	-.2543
.700							
.725			-.3486				
.750				-.3570	-.3098		
.763			-.2853				
.775							
.810	-.3093			-.2049	-.2318	-.1694	
.831			-.2628				
.850							
.852							
.854	-.2401			-.1483			-.2504
.898	-.2524						
.900			-.2340				
.905				.0568	.0678	-.0297	
.950			-.1532				
.952							
.966	-.2036						
.966							

BETA (1) = 10.050 ALPHA (3) = 5.020

Y/BW

X/CW

.000	.299	.352	.405	.534	.673	.780	.887
.020	-.2767	-.6132	-.7320	-.4758	-.1653	.3107	-.4628
.050			-.4296	-.0837	.1342	-.2790	.1907
.052				-.1577	.0343	-.1334	.1254
.080			-.4742				
.088		.0577					
.088							
.150	-.1447			-.0976	-.0591	-.1246	-.0440
.195			-.8462				
.222	.0501						

PAGE 183

326C9015M7F6W116E26V8R5X9 LEFT LOWER WING (ROCL05)

DEPENDENT VARIABLE CP

	Y/81	352	405	514	673	780	887
0							

X/2H 290
1846

.250	- .0983	- .1653	- .1121
.350			
.4714			

400	- .1470	- .1005	- .1700
200			
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492
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- .1827

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- .1247

750	-	2708	-	233
750	-	2708	-	233

Account	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370</
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950	.0203	.1317	-.0103
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956 - 1560

C	.299	.352	.405	.534	.673	.780	.887
Y'BM							

Variable	Mean	Std. Dev.	Minimum	Maximum
Age	37.22	9.785	1.1528	95.73
Gender	1.0039	.6961	1.3687	

[illegible]

2210 - 2210

Year	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																		
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000	1,450,000	1,500,000	1,550,000	1,600,000	1,650,000	1,700,000	1,750,000	1,800,000	1,850,000	1,900,000	1,950,000	2,000,000	2,050,000	2,100,000	2,150,000	2,200,000	2,250,000	2,300,000	2,350,000	2,400,000	2,450,000	2,500,000	2,550,000	2,600,000	2,650,000	2,700,000	2,750,000	2,800,000	2,850,000	2,900,000	2,950,000	3,000,000	3,050,000	3,100,000	3,150,000	3,200,000	3,250,000	3,300,000	3,350,000	3,400,000	3,450,000	3,500,000	3,550,000	3,600,000	3,650,000	3,700,000	3,750,000	3,800,000	3,850,000	3,900,000	3,950,000	4,000,000	4,050,000	4,100,000	4,150,000	4,200,000	4,250,000	4,300,000	4,350,000	4,400,000	4,450,000	4,500,000	4,550,000	4,600,000	4,650,000	4,700,000	4,750,000	4,800,000	4,850,000	4,900,000	4,950,000	5,000,000	5,050,000	5,100,000	5,150,000	5,200,000	5,250,000	5,300,000	5,350,000	5,400,000	5,450,000	5,500,000	5,550,000	5,600,000	5,650,000	5,700,000	5,750,000	5,800,000	5,850,000	5,900,000	5,950,000	6,000,000	6,050,000	6,100,000	6,150,000	6,200,000	6,250,000	6,300,000	6,350,000	6,400,000	6,450,000	6,500,000	6,550,000	6,600,000	6,650,000	6,700,000	6,750,000	6,800,000	6,850,000	6,900,000	6,950,000	7,000,000	7,050,000	7,100,000	7,150,000	7,200,000	7,250,000	7,300,000	7,350,000	7,400,000	7,450,000	7,500,000	7,550,000	7,600,000	7,650,000	7,700,000	7,750,000	7,800,000	7,850,000	7,900,000	7,950,000	8,000,000	8,050,000	8,100,000	8,150,000	8,200,000	8,250,000	8,300,000	8,350,000	8,400,000	8,450,000	8,500,000	8,550,000	8,600,000	8,650,000	8,700,000	8,750,000	8,800,000	8,850,000	8,900,000	8,950,000	9,000,000	9,050,000	9,100,000	9,150,000	9,200,000	9,250,000	9,300,000	9,350,000	9,400,000	9,450,000	9,500,000	9,550,000	9,600,000	9,650,000	9,700,000	9,750,000

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(RDQL05)

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B28C9G15M7F8W116E26V8R5X9 LEFT LOWER WING

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (4) = 10.120$$

Y/B:Y
X/C:W

[illegible]

926C9G15M7F8W116E26V8R5X9 LEFT LOWER WING

(RDQL05)

SECTION () LEFT LOWER WING

DEPENDENT VARIABLE CP

$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (6) = 16.220$

MB/X
Y/B

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REFERENCE DATA				PARAMETRIC DATA			
SREF	4.4120	QO.FT.	XMRP	33.9580	INCHES	ELEVON	-20.000
LREF	19.2300	INCHES	YMRP	.0000	INCHES	BOFLAP	-14.250
BREF	37.9360	INCHES	ZMRP	16.2000	INCHES	RUDDER	.000
SCALE	.0405	SCALE				BETA	-10.000
SECTION (1) LEFT LOWER WING				DEPENDENT VARIABLE CP			
BETA (1)	-10.060	ALPHA (1)	-2.980	Y/BW	X/CW		
				.000		.534	.887
				.020		.4789	-.9949
				.050		-1.6066	-1.6388
				.052		-.8773	-1.0052
				.080		.1758	-1.1328
				.088			
				.150		-.4803	-.6324
				.195		-.3531	-.7295
				.222			-.7944
				.240			
				.250		-.4725	-.5231
				.359		-.6496	-.5858
				.400		-.5906	-.7505
				.431			
				.492		-.6160	-.6376
				.550		-.6121	
				.574			
				.600			
				.695			
				.700			
				.725		-.8137	-.7368
				.750			
				.763		-.6671	-1.3353
				.775		-.5494	-1.0325
				.810			
				.831			
				.850		-.5477	-.7299
				.859		-.4933	-.6591
				.864			
				.958		-.4753	-.6063
				.900		-.3905	
				.950		-.3666	-.3618
				.952			
				.966			

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 188

B26C915M7F8W116E26V8R5X9 LEFT LOWER WING

(R0QL06)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.070 ALPHA (2) = .020

Y/BW X/CM	.299	.352	.405	.534	.673	.780	.887
.000	-.0837	-.5013	-.1339	-.0564	-.2444	.0288	.1947
.020			.1613	-.7277	-.8230	-1.0336	-1.2012
.050			.2346	-.5226	-.6176	-.6604	-.6562
.080		-.0149					
.100	-.0931			-.3354	-.3931	-.4831	-.4967
.150		-.2106					
.195	-.0279	.2563					
.222							
.240							
.250							
.358	-.0800			-.3314	-.3706	-.3547	-.3382
.400				-.5634	-.4727		-.5886
.431	-.3971		-.6088				
.492				-.5727	-.5743		
.550		-.5341					
.574							
.600							
.650	-.5132			-.8286		-1.3374	-.7910
.695							
.700				-.9224			
.725							
.750			-.6952			-1.3788	-.9474
.763				-.9092	-.9385		
.775			-.5502				
.810							
.831	-.4877			-.4538	-.7587	-.5946	
.850			-.4486				
.858							
.864	-.4343						
.898	-.3745			-.4046			-.5111
.900							
.905			-.3916				
.950			-.3859	-.4245	-.2849	-.3148	
.952							
.956	-.3809						
.966							
Y/BW X/CM	.299	.352	.405	.534	.673	.780	.887
.000	.0642	-.4122	-.0162	.2317	.4363	.5762	.1194
.020			.4278	.0984	.0368	-.0050	-.0826
.050				.0000	-.0414	-.0739	.0445
.052			.3285				
.080		.2373					
.088	.1195						
.150				-.0643	-.0444	-.1150	-.1246
.195			.0435				
.222	.2007						

BETA (1) = -10.070 ALPHA (3) = 5.020

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 7:1 (0A69)

PAGE 189

82509015M7F8W116E26V8R5X9 LEFT LOWER WING

(R0QL06)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.070 ALPHA (3) = 5.020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240		.4537					
.250							
.358	.2266						
.400							
.431							
.492	.0860						
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.952							
.966							
.299		.352	.405	.534	.673	.780	.887
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.299		.352	.405	.534	.673	.780	.887
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BETA (1) = -10.060 ALPHA (4) = 10.090

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
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.574							
.600							
.650							
.695							
.702							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.888							
.900							
.905							
.950							
.952							
.966							
.299		.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B26C9G15M7FBW116E26VBR5X9 LEFT LOWER WING (RDQL06)

SECTION (1) LEFT LOWER WING

BETA (1) = -10.060 ALPHA (5) = 13.190

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.700							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.898							
.900							
.905							
.950							
.952							
.956							

BETA (1) = -10.050 ALPHA (6) = 16.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAO LSWT TEST 711 (0A69)

PAGE 192

SECTION 1 LEFT LOWER WING

B26C9G15M7F8W116E26V8R5X9 LEFT LOWER WING

(R00L0E)

BETA (1) = -10.050 ALPHA (6) = 15.220

DEPENDENT VARIABLE CP

[illegible]

REFERENCE DATA				PARAMETRIC DATA			
SREF =	4.4120 SQ.FT.	XMRP =	33.9580 INCHES	ELEVON =	-20.000	RUDDER =	.000
LREF =	19.2300 INCHES	YMRP =	.0000 INCHES	BDFLAP =	-14.250	BETA =	.000
BREF =	37.9360 INCHES	ZMRP =	16.2000 INCHES				
SCALE =	.0405 SCALE						
SECTION (1) LEFT LOWER WING				DEPENDENT VARIABLE CP			
BETA (1) =	-.010	ALPHA (1) =	-2.950				
		Y/BW	X/CW				
		.000	.000	.299	.352	.405	.534
		.020	.020	-.1256	-.6765	-.3475	-.6155
		.050	.050			.0450	-1.2428
		.052	.052			-.7878	-.9602
		.080	.080			-.0167	
		.083	.083	-.0563	-.0357		
		.150	.150			-.5488	-.6961
		.155	.155			-.4443	-.7608
		.222	.222	-.0472	.2174		-.7987
		.240	.240			-.5692	-.5700
		.250	.250			-.5192	-.5001
		.358	.358	-.0145		-.6659	-.5595
		.400	.400			-.8894	-.6654
		.431	.431			-.6127	-.6416
		.492	.492	-.1486		-.6008	
		.550	.550				-.8543
		.574	.574				
		.600	.600				
		.650	.650	-.5198		-1.3512	
		.695	.695				
		.700	.700			-.8093	-.7018
		.725	.725				
		.750	.750			-.6102	-1.2978
		.763	.763			-.6815	-1.0147
		.775	.775			-.6381	
		.810	.810	-.4943			
		.831	.831			-.4990	-.6415
		.850	.850			-.4790	-.6976
		.858	.858				
		.864	.864	-.4329			
		.868	.868	-.3769			
		.900	.900			-.4918	-.5723
		.905	.905			-.3897	
		.950	.950			-.4475	-.3892
		.952	.952			-.3667	-.4244
		.966	.966	-.3784			

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 194

B26C9G15M7F8W115E26V8R5X9 LEFT LOWER WING

(R0QL07)

DEPENDENT VARIABLE CP

SECTION (1) LEFT LOWER WING

BETA (1) = .000 ALPHA (2) = .050

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.0590	-.5503	-.1546	-.2300	-.4282	-.0171	.0752
.020			.2217	-.6968	-.7048	-.9227	-1.0512
.050			.0829	-.5042	-.5701	-.5526	-.5077
.080							
.088	-.0115	.0785					
.150			-.3870	-.3905	-.4552	-.5110	-.5216
.195	.0506						
.222		.3071					
.240							
.250				-.4231	-.4031	-.3626	-.3484
.358	.0791			-.5734	-.4525		-.5177
.400			-.8047				
.431	.0799			-.5482	-.5716		
.492			-.5497				
.550							
.574							
.600							
.650							
.695	-.5107					-1.2424	-.7171
.700							
.725				-.8406	-.7109		
.750			-.6223			-1.3606	-.9380
.763			-.6566	-.9269	-.8326		
.775							
.810							
.831	-.4922			-.4547	-.7299	-.6707	
.850			-.4509				
.858							
.864	-.4046						
.898	-.3598			-.303			-.4932
.900			-.3577	-.3742	-.3037	-.3467	
.905							
.950			-.3331				
.952							
.956	-.3709						
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.1628	-.6912	-.3910	-.0608	.2304	.5098	-.0449
.020			.2462	.0263	.0982	-.1544	-.1780
.050				.0740	-.0483	-.1067	.0388
.052			.0042				
.080		.1768					
.088	.0035						
.150			-.3156	-.1506	-.1492	-.1754	-.1850
.195							
.222	.1446						

BETA (1) = .000 ALPHA (3) = 5.030

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 195

SECTION (1) LEFT LOWER WING

BETA (1) = .000 ALPHA (3) = 5.030

B2EC9G:5M7F3W115E2EVBR5X9 LEFT LOWER WING

(RDQL07)

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240		.4133					
.250							
.359	.1587			-.1899	-.1578	-.1457	-.1812
.400				-.3335	-.2590		-.3071
.431			-.4814				
.492	.2766						
.550				-.3935	-.4405		
.574			-.3936				
.600							
.650						-1.0016	-.5189
.695	-.4946						
.700				-.8250	-.6865		
.725						-1.3254	-.7958
.750			-.6439				
.753			-.7357				
.775							
.810							
.831	-.5514						
.850			-.4635				
.858							
.864	-.4222						
.898	-.3545						
.900							
.905				-.3577			-.3825
.905			-.3383				
.950				-.2656	-.1174	-.2356	
.952			-.2549				
.966	-.3895						
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.3011	-.9000	-1.2350	-.5764	-.2697	.0198	-.6218
.050			-.1942	.1512	.3103	-.1893	.1764
.052				.1639	.3041	.0444	.3339
.080			-.0740				
.088			.2240				
.150	-.0321						
.195				.0823	.1168	.0220	.0484
.222							
.240	.2185	.4176					
.250				.0725	.0674	.0206	-.0303
.358	.2066						
.400				-.0635	-.0837		-.1967
.431			-.1925				
.492	.4189						

SECTION 1 LEFT LOWER WING

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (4) = 10.100$$

DEPENDENT VARIABLE CP

B226C9G:5M7F8W16E26V8R5X9 LEFT LOWER WING

(RDCAL 07)

BETA (1) =	.000	ALPHA (4) =	10.100	Y/BW X/CM	.550 .574 600 650 695 700 725 750 763 775 810 831 850 858 864 899 900 905 950 952 956	.299 .352 .405 .534 .673 .780 .887	BETA (1) =	.000	ALPHA (5) =	13.220	Y/BW X/CM	.299 .3639 -1.0247 -1.6792 -1.781 -1.853 -1.882 -1.908 -1.935 -1.952 -1.965 -1.982 -1.995 -2.002 -2.008 -2.015 -2.022 -2.028 -2.035 -2.042 -2.049 -2.056 -2.063 -2.070 -2.077 -2.084 -2.091 -2.098 -2.105 -2.112 -2.119 -2.126 -2.133 -2.140 -2.147 -2.154 -2.161 -2.168 -2.175 -2.182 -2.189 -2.196 -2.203 -2.210 -2.217 -2.224 -2.231 -2.238 -2.245 -2.252 -2.259 -2.266 -2.273 -2.280 -2.287 -2.294 -2.301 -2.308 -2.315 -2.322 -2.329 -2.336 -2.343 -2.350 -2.357 -2.364 -2.371 -2.378 -2.385 -2.392 -2.399 -2.406 -2.413 -2.420 -2.427 -2.434 -2.441 -2.448 -2.455 -2.462 -2.469 -2.476 -2.483 -2.490 -2.497 -2.504 -2.511 -2.518 -2.525 -2.532 -2.539 -2.546 -2.553 -2.560 -2.567 -2.574 -2.581 -2.588 -2.595 -2.602 -2.609 -2.616 -2.623 -2.630 -2.637 -2.644 -2.651 -2.658 -2.665 -2.672 -2.679 -2.686 -2.693 -2.700 -2.707 -2.714 -2.721 -2.728 -2.735 -2.742 -2.749 -2.756 -2.763 -2.770 -2.777 -2.784 -2.791 -2.798 -2.805 -2.812 -2.819 -2.826 -2.833 -2.840 -2.847 -2.854 -2.861 -2.868 -2.875 -2.882 -2.889 -2.896 -2.903 -2.910 -2.917 -2.924 -2.931 -2.938 -2.945 -2.952 -2.959 -2.966 -2.973 -2.980 -2.987 -2.994 -3.001 -3.008 -3.015 -3.022 -3.029 -3.036 -3.043 -3.050 -3.057 -3.064 -3.071 -3.078 -3.085 -3.092 -3.099 -3.106 -3.113 -3.120 -3.127 -3.134 -3.141 -3.148 -3.155 -3.162 -3.169 -3.176 -3.183 -3.190 -3.197 -3.204 -3.211 -3.218 -3.225 -3.232 -3.239 -3.246 -3.253 -3.260 -3.267 -3.274 -3.281 -3.288 -3.295 -3.302 -3.309 -3.316 -3.323 -3.330 -3.337 -3.344 -3.351 -3.358 -3.365 -3.372 -3.379 -3.386 -3.393 -3.400 -3.407 -3.414 -3.421 -3.428 -3.435 -3.442 -3.449 -3.456 -3.463 -3.470 -3.477 -3.484 -3.491 -3.498 -3.505 -3.512 -3.519 -3.526 -3.533 -3.540 -3.547 -3.554 -3.561 -3.568 -3.575 -3.582 -3.589 -3.596 -3.603 -3.610 -3.617 -3.624 -3.631 -3.638 -3.645 -3.652 -3.659 -3.666 -3.673 -3.680 -3.687 -3.694 -3.701 -3.708 -3.715 -3.722 -3.729 -3.736 -3.743 -3.750 -3.757 -3.764 -3.771 -3.778 -3.785 -3.792 -3.799 -3.806 -3.813 -3.820 -3.827 -3.834 -3.841 -3.848 -3.855 -3.862 -3.869 -3.876 -3.883 -3.890 -3.897 -3.904 -3.911 -3.918 -3.925 -3.932 -3.939 -3.946 -3.953 -3.960 -3.967 -3.974 -3.981 -3.988 -3.995 -4.002 -4.009 -4.016 -4.023 -4.030 -4.037 -4.044 -4.051 -4.058 -4.065 -4.072 -4.079 -4.086 -4.093 -4.100 -4.107 -4.114 -4.121 -4.128 -4.135 -4.142 -4.149 -4.156 -4.163 -4.170 -4.177 -4.184 -4.191 -4.198 -4.205 -4.212 -4.219 -4.226 -4.233 -4.240 -4.247 -4.254 -4.261 -4.268 -4.275 -4.282 -4.289 -4.296 -4.303 -4.310 -4.317 -4.324 -4.331 -4.338 -4.345 -4.352 -4.359 -4.366 -4.373 -4.380 -4.387 -4.394 -4.401 -4.408 -4.415 -4.422 -4.429 -4.436 -4.443 -4.450 -4.457 -4.464 -4.471 -4.478 -4.485 -4.492 -4.499 -4.506 -4.513 -4.520 -4.527 -4.534 -4.541 -4.548 -4.555 -4.562 -4.569 -4.576 -4.583 -4.590 -4.597 -4.604 -4.611 -4.618 -4.625 -4.632 -4.639 -4.646 -4.653 -4.660 -4.667 -4.674 -4.681 -4.688 -4.695 -4.702 -4.709 -4.716 -4.723 -4.730 -4.737 -4.744 -4.751 -4.758 -4.765 -4.772 -4.779 -4.786 -4.793 -4.800 -4.807 -4.814 -4.821 -4.828 -4.835 -4.842 -4.849 -4.856 -4.863 -4.870 -4.877 -4.884 -4.891 -4.898 -4.905 -4.912 -4.919 -4.926 -4.933 -4.940 -4.947 -4.954 -4.961 -4.968 -4.975 -4.982 -4.989 -4.996 -5.003 -5.010 -5.017 -5.024 -5.031 -5.038 -5.045 -5.052 -5.059 -5.066 -5.073 -5.080 -5.087 -5.094 -5.101 -5.108 -5.115 -5.122 -5.129 -5.136 -5.143 -5.150 -5.157 -5.164 -5.171 -5.178 -5.185 -5.192 -5.199 -5.206 -5.213 -5.220 -5.227 -5.234 -5.241 -5.24
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DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 197

926095150799116E26VBR5X9 LEFT LOWER WING (ROOL07)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Y/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.859							
.864							
.898							
.900							
.905							
.950							
.952							
.966							

BETA (1) = .000 ALPHA (6) = 16.240

Y/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 39A4
R61

B26C9G15M7FBW116E26V8R5X9 LEFT LOWER WING

(RDQL 07)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (6) = 16.240$$
[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 199

R05C901547F84115E26V8R5X9 LEFT LOWER WING

(R0QL08) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 50. FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) LEFT LOWER WING

BETA (1) = 10.050 ALPHA (1) = -2.970

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.1307	-.4424	-.1890	-.7571	-1.3424	-.7061	-.2460
.020			.0363	-1.0996	-1.2278	-1.5531	-1.8764
.050				87.9999	87.9999	87.9999	87.9999
.052							
.080		-.0258					
.088	-.0902						
.150			-.5566		-.5513	-.6920	-.7117
.195							
.222	-.0576						
.240		.1323					
.250							
.358	87.9999				-.5947	-.5529	-.4968
.400							
.431					-.5704	-.5094	-.5590
.492	-.0037						
.550							
.574							
.600							
.650							
.695	-.5489						
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.899							
.900							
.905							
.950							
.952							
.966							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 200

SECTION (1) LEFT LOWER WING

R26C9015M7F8W116E26V8R5X9 LEFT LOWER WING (RQQL08)

BETA (1) = 10.050 ALPHA (2) = .030

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.1957	-.4173	-.1810	-.3977	-.3849	.0413	.0438
.050		.0777	-.5185	-.5185	-.6439	-.8055	-.9100
.052				-.4600	-.5153	-.5713	-.4052
.080		.0221	-.2136				
.088	-.0966						
.150							
.195	-.0086		-.5078	-.3995	-.4669	-.4799	-.5037
.222		.1893					
.240							
.250				-.4418	-.3914	-.3521	-.3610
.358	.0034						
.400			-.6560	-.4645	-.4039		-.4360
.431	.1081						
.452				-.4593	-.5066		
.550			-.4977				
.574							
.600							
.650							
.695	-.5541				-1.0950		-.6087
.700							
.725				-.7971	-.6265		
.750							
.763			-.6274			-1.1069	-.7429
.775			-.6354				
.810				-.11766	-.7896		
.811	-.5532						
.850							
.858				-.4891	-.6043	-.6171	
.884	-.4503						
.898	-.3698						
.900				-.3620			-.4089
.905							
.950			-.3653				
.952				-.2333	-.2753	-.3524	
.966	-.3889		-.3123				
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.2794	-.5919	-.5682	-.3915	.0318	.4584	-.1462
.050			-.3388	-.1370	-.1204	-.2682	-.2640
.052				-.1927	-.0664	-.1783	.0120
.080		.0491					
.088							
.150	-.1444						
.195				-.2223	-.1923	-.2716	-.2239
.222	.0337		-.8359				

BETA (1) = 10.050 ALPHA (3) = 5.020

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 202

SECTION (1) LEFT LOWER WING

826C9G15M7F8W116E26V8R5X9 LEFT LOWER WING

(RDQL08)

BETA (1) = 10.050 ALPHA (4) = 10.120

DEPENDENT VARIABLE CP

Y/8W X/CM	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.898							
.900							
.905							
.950							
.952							
.956							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.4761							
-1.1005							
-1.2802							
-1.4600							
-1.1218							
.1547							
-1.1912							
-1.0720							
.4662							
.1152							
.1649							
.0935							
.0040							
.0432							
.0871							
.0993							
.0642							
.0057							
.2291							
.0030							
.1571							
.5918							
.4205							
.1675							
.3662							
.8531							
.4820							

BETA (1) = 10.050 ALPHA (5) = 13.190

Y/8W
X/CM

.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.359							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 204

B26C9G15MTFBW116E26VBR5X9 LEFT LOWER WING (R00L08)

SECTION (1) LEFT LOWER WING

BETA (1) = 10.050 ALPHA (6) = 16.220

DEPENDENT VARIABLE CP

	Y/PW	X CA					
	.850		.352	.405	.534	.673	.780
	.858						.897
	.864						
	.898	-.5036			-.3372	-.5463	-.3817
	.900	-.5207		-.4364			
	.905				-.2339		-.3159
	.950			-.2989			
	.952			-.1547	-.0766	-.1511	-.1844
	.956	-.7421					

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)
B26C9G15M7F8W116E26V8R5X9 LEFT LOWER WING

PAGE 205

(RDQL09) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33 9580 INCHES
LREF = 19.2300 INCHES YMRP = 2000 INCHES
BREF = 37.9360 INCHES ZMRP = 15 2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
BOFLAP = -14.250 BETA = -10.000

SECTION (1) LEFT LOWER WING DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (1) = -2.980

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.3678	-.8888	-.6549	-.5789	-.1788	-.8726	-.1328
.020			-.0741	-1.3452	-1.7084	-2.4046	-2.1917
.050				-.9084	-1.0542	-1.1028	-1.1948
.052			.1214				
.080		-.2246					
.088	-.2856			-.5024	-.7022	-.7850	-.8801
.150		-.3555					
.195	-.2260						
.240		.0804					
.250	-.2980			-.5542	-.6293	-.6302	-.6443
.358				-.6123	-.5937		-.6065
.400			-.5873				
.431	-.8081			-.6730	-.6959		-.5798
.492			-.6493			-.6459	
.550	-.9098				-.5400		
.574				-.7384		-.9233	-1.1221
.600			-.8292		-.5582		
.650			-.6392				
.695				-.5722	-.6041	-.6894	
.700			-.6083				
.725							
.750							
.753							
.775							
.810	-.7024						
.831							
.850							
.858	-.6468			-.6180			-1.4037
.864	-.6241						
.898							
.900			-.7094	-.5835	-.6299	-.6345	
.905							
.950			-.6962				
.952							
.966	-.5181						

SECTION 10 LEFT LOWER WING

8250901547841622685X9 LEFT LOWER WING

DEPENDENT VARIABLE CP

(R000000)

BEVA () - -10.070 ALPHA (2) - 020

[illegible]

.299	.352	.405	.534	.673	.780	.887
-.0853	-.5101	-.1715 .1458	-.1089 -.6367 -.5464	-.3664 -.8763 -.6670	-.0840 -1.2364 -.7242	.3555 -1.2335 -.6824
-.0970	-.0278	.1617				
			-.3478	-.4499	-.5307	-.5555
-.0452	.2434	-.2103				
-.0859			-.4102	-.4732	-.4872	-.4948
-.4577		-.6047	-.5137	-.4724		-.4790
			-.6006	-.6152		
-.8469		-.5621			-.6316	-.5730
			-.7808	-.5475		
		-.7144			-1.0365	-1.3253
-.5563		-.6053	-.5444	-.6047		
			-.5648	-.6084	-.7069	
-.6153		-.5980				
-.5881						
		-.6692	-.6047			-.8927
		-.5953	-.7907	-.8863		
		-.7000				

BETA () = -10.370 ALPHA (3) = 5.020

13/1

.299	.352	.405	.534	.673	.780	.887
.0699	-.3954	-.0244	.2269	.3620	.6010	.4541
		.4273	.1824	.1382	.0073	-.1772
			-.0007	-.0547	-.3953	-.0493
	.2330	.2501				
.1192						
			-.0504	-.0548	-.1188	-.1357
.1935		.0544				

DATE 22 OCT 76

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 207

B0600015MTF8H115E26V8R5X9 LEFT LOWER WING

(R00L09)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.070 ALPHA (3) = 5.020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240		.4644					
.250							
.358	.2210			-.1403	-.1653	-.1960	-.2173
.400				-.2858	-.2424		-.2284
.431	.0657		-.5002				
.492							
.550							
.574			-.4036	-.4312	-.4454		
.600							
.650						-.5015	-.3974
.695	-.6974				-.4764		
.700				-.7459			
.725						-.8809	-1.0140
.750			-.7646				
.763				-.5068	-.5986		
.775			-.4788				
.810							
.831	-.4766			-.5535	-.6067	-.7227	
.850			-.5164				
.859							
.864	-.4879			-.5575			-.8628
.898	-.5188						
.900							
.905			-.5705				
.950				-.5536	-.5795	-.8064	
.952			-.5731				
.966	-.5920						

BETA (1) = -10.060 ALPHA (4) = 10.090

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.0382	-.6239	-.6180	-.1733	.1390	.2803	-.1412
.050			.4078	.3937	.4384	.1337	.3319
.052				.3031	.3310	.2522	.2794
.080		.3580	.2154				
.083	.1710						
.150				.1844	.2174	.1647	.1344
.195			.1135				
.222	.3309	.5905					
.240							
.250				.1012	.0914	.0509	-.0286
.358	.3268						
.400			-.1905	-.0462	-.0520		-.0625
.431							
.482	.4013						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 208

SECTION 1 LEFT LOWER WING

BR26C9G15M7F8H116E26V8R5X9 LEFT LOWER WING

(PDQL09)

BETA () = -10.050 ALPHA () = 10.000

DEPENDENT VARIABLE CP

Y/B4 X/C4	.299	.352	.405	.534	.673	.780	.887
550							
574							
600							
650							
695							
700							
725							
750							
763							
775							
810							
831							
850							
859							
864							
878							
900							
905							
950							
952							
965							
Y/B4 X/C4	.299	.352	.405	.534	.673	.780	.887
100							
120							
150							
152							
180							
188							
190							
195							
202							
240							
250							
358							
400							
431							
432							
550							
574							
600							
650							
695							
700							

BETA () = -10.050 ALPHA () = 13.190

Y/B4 X/C4	.299	.352	.405	.534	.673	.780	.887
100							
120							
150							
152							
180							
188							
190							
195							
202							
240							
250							
358							
400							
431							
432							
550							
574							
600							
650							
695							
700							

B26C99/157 FWH16E26V8R5X9 LEFT LOWER WING (R00L09)

DEPENDENT VARIABLE CP

SECTION: LOWER HING

$$A_{PMA} = 6 \times 16.22$$

7

1. 2000

2. 2000

3. 2000

. 435
 - 7675
 - .6588
 - .5140

	.534	.673	.780
	-.6749	-.6598	-.6951
	-.7008		
	-.7159	-.7368	-.6725

-.0205
.037

-.8205
.8937

JAN 22 OCT 75

TABULATED PRESSURE DATA FOR WGLAD LSMT TEST 711 (0469)
 07609015M70F0116E26V8R5X9 LEFT LOWER WING

PAGE 211
 (R00L10) (03 OCT 75)

REFERENCE DATA

SREF = 4 4120 SQ FT. XMRP = 33 9680 INCHES
 LREF = 19.2100 INCHES YMRP = 0.000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16 2100 INCHES
 SCALE = 10495 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT LOWER WING	BETA (1) = -0.00	ALPHA (1) = -2.950	Y/CM	Y/IN	.299	.352	.405	.534	.673	.780	.887
000			000		-.1299	-.6762	-.4156	-.7427	-1.4037	-.9836	-.2821
020			020				.0208	-1.1906	-1.6317	-2.2498	-2.1653
040			040					-.8830	-1.1098	-1.2428	-1.1660
060			060								
080			080								
100			100								
120			120								
140			140								
160			160								
180			180								
200			200								
220			220								
240			240								
260			260								
280			280								
300			300								
320			320								
340			340								
360			360								
380			380								
400			400								
420			420								
440			440								
460			460								
480			480								
500			500								
520			520								
540			540								
560			560								
580			580								
600			600								
620			620								
640			640								
660			660								
680			680								
700			700								
720			720								
740			740								
760			760								
780			780								
800			800								
820			820								
840			840								
860			860								
880			880								
900			900								
920			920								
940			940								
960			960								
980			980								
1000			1000								

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRELAD LSMT TEST 711 (0A69)

PAGE 212

B26C9G15M7F8W116E26V8R5X9 LCFT LOWER WING (R00L10)

SECTION (1) LEFT LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (2) = .050

Y/BW
X/CW

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.0547	-.5326	-.1890	-.3322	-.5536	-.1360	.2956
.020			.2123	-.6041	-.8355	-.1100	-1.2778
.050				-.5958	-.7273	-.7230	-.6526
.052							
.080		.0677					
.088	-.0103			-.4043	-.4953	-.5519	-.5797
.150			-.3842				
.155	.0345						
.222		.3080					
.240				-.5084	-.5171	-.5045	-.5018
.250	.0589			-.5431	-.4910		-.4131
.358			-.8516				
.400							
.431	.0406			-.6067	-.6125		
.492			-.6194				
.530							
.574							
.600							
.650							
.695	-.9457					-.6234	-.4966
.700							
.725				-.8182	-.5627		
.750			-1.0726			-.9309	-.8276
.763				-.6167	-.6080		
.775			-.6885				
.810							
.831	-.7011			-.6065	-.6294	-.7103	
.850			-.6677				
.858							
.864	-.6650			-.6679			-.8032
.898	-.6485			-.6488	-.8229	-.3445	
.900							
.905			-.8039				
.950			-.7929				
.952							
.966	-.6179						

BETA (1) = .000 ALPHA (3) = 5.030

Y/BW
X/CW

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.1553	-.6724	-.3662	-.0577	.2107	.5447	.3472
.020			.2608	.0494	.1613	-.1423	-.3107
.050				-.1411	-.1469	-.1884	-.0962
.052							
.080		.1783					
.088	.0087						
.150				-.1453	-.1526	-.1767	-.2008
.195			-.3101				
.222	.1389						

8225C9015M7F8W16E26V8R5X9 LEFT LOWER WING

(R00010)

DEPENDENT VARIABLE CP

SECTION (1) LEFT LOWER WING

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (3) = 5.030$$

Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW		.4166					
.240							
.250							
.358	.1475			-.2491	-.2364	-.2371	-.2745
.400							
.431				-.3103	-.3004		-.2504
.492	.2580			-.5028			
.550							
.574							
.600				-.4272	-.4450		
.650				-.4221			-.3390
.695	-.8470					-.4911	
.700							
.725					-.4649		
.750				-.7238		-.7839	-.7948
.763							
.775				-.5390	-.5860		
.810				-.6168			
.831	-.6630						
.850				-.6243	-.5893	-.6702	
.858							
.864	-.6089						
.899	-.6019			-.5920			-.7720
.900							
.905				-.7405			
.950				-.5837	-.6609	-.6878	
.952				-.6951			
.956	-.5580						
Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW							
.000	-.3006	-.8658	-1.2130	-.5621	-.1841	.1310	-.3995
.020				-.1247	.1700	-.2049	.2457
.050				.1147	.2574	.0677	.2123
.052				-.1026			
.080		.2288					
.088	-.0252						
.150				.0972	.1254	.0306	.0486
.135				-.3652			
.240	.2134	.4176					
.250							
.358	.2030			.0312	.0119	-.0350	-.1120
.400				-.0439	-.0994		-.1288
.431							
.492	.4075			-.1978			

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (4) = 10.100$$

Y/B4 X/C4	.299	.352	.405	.534	.673	.780	.887
.000	-.3006	-.8658	-1.2130	-.5621	-.1841	.1310	-.3995
.020			-.1482	.1247	.1700	-.2049	.2457
.050				.1147	.2574	.0677	.2123
.052			-.1026				
.080		.2288					
.088	-.0252						
.150			-.3652	.0972	.1254	.0306	.0486
.135							
.222	.2134	.4176					
.250				.0312	.0119	-.0350	-.1120
.358	.2030						
.400				-.0439	-.0594		-.1288
.431			-.1978				
.492	.4075						

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 214

825C9G15M7F8W116E26V8P5X9 LEFT LOWER WING

(RDQL10)

SECTION () LEFT LOWER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (4) = 10.100$$
[illegible]

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B25C9015M7F8W116E26V8R5X9 LEFT LOWER WING

(R00L10)

SECTION (1) LEFT LOWER WING DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.964							
.898							
.900							
.925							
.950							
.952							
.966							
.299	.352	.405	.534	.673	.780	.887	
-1.4242	-1.1593	-1.8194	-1.4553	-1.6588	-1.3529	-1.8289	
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.735							
.750							
.763							
.775							
.810							
.831							
.299	.352	.405	.534	.673	.780	.887	
-1.4242	-1.1593	-1.8194	-1.4553	-1.6588	-1.3529	-1.8289	
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.735							
.750							
.763							
.775							
.810							
.831							

BETA (1) = .000 ALPHA (6) = 16.240

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.964							
.898							
.900							
.925							
.950							
.952							
.966							
.299	.352	.405	.534	.673	.780	.887	
-1.4242	-1.1593	-1.8194	-1.4553	-1.6588	-1.3529	-1.8289	
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.735							
.750							
.763							
.775							
.810							
.831							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSAT TEST 711 (CA59)

PAGE 217

80633015M7F8W116E26V8R5X9 LEFT LOWER WING

(R00L11) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ. FT. XMRP = 33 9580 INCHES
 LREF = 19.8300 INCHES YMRP = 0.000 INCHES
 BREF = 37.9330 INCHES ZMRP = 15.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) LEFT LOWER WING DEPENDENT VARIABLE CP

BETA (1) = 10.050	ALPHA (1) = -2.970	Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	.000	.000	-.1262	-.4291	-.2394	-.8904	-1.5912	-1.0010	-.3880
.020	.020	.020			.0239	-1.0910	-1.4869	-1.9363	-1.7435
.050	.050	.050				-.8578	-1.0787	-1.2259	-1.1982
.080	.080	.080							
.100	.100	.100							
.120	.120	.120							
.140	.140	.140							
.160	.160	.160							
.180	.180	.180							
.200	.200	.200							
.220	.220	.220							
.240	.240	.240							
.260	.260	.260							
.280	.280	.280							
.300	.300	.300							
.320	.320	.320							
.340	.340	.340							
.360	.360	.360							
.380	.380	.380							
.400	.400	.400							
.420	.420	.420							
.440	.440	.440							
.460	.460	.460							
.480	.480	.480							
.500	.500	.500							
.520	.520	.520							
.540	.540	.540							
.560	.560	.560							
.580	.580	.580							
.600	.600	.600							
.620	.620	.620							
.640	.640	.640							
.660	.660	.660							
.680	.680	.680							
.700	.700	.700							
.720	.720	.720							
.740	.740	.740							
.760	.760	.760							
.780	.780	.780							
.800	.800	.800							
.820	.820	.820							
.840	.840	.840							
.860	.860	.860							
.880	.880	.880							
.900	.900	.900							
.920	.920	.920							
.940	.940	.940							
.960	.960	.960							
.980	.980	.980							
.000	.000	.000							

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAS9)
 82629015M7F8W116E26V8R5X9 LEFT LOWER WING (ROOL11)

SECTION (1) LEFT LOWER WING DEPENDENT VARIABLE CP

BETA (1) = 10.060	ALPHA (2) = .030	Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
		000	- .1893	-.3974	- .1697	-.4738	-.6808	-.1040	.2094
		.020			.0785	-.5211	-.7472	-.9998	-1.2232
		.050				-.5397	-.6386	-.6691	-.5176
		.080		.0181	-.2937				
		.100	- .0939			-.4320	-.5147	-.5329	-.5741
		.120			-.4962				
		.150	- .0132	.1995					
		.200				-.5249	-.5088	-.4876	-.5037
		.250	- .0051			-.4682	-.4608		-.3757
		.300			-.6943				
		.400	.0741		-.5620				-.4476
		.500						-.6254	
		.600	- .9965			-.7842	-.4981		
		.700			-1.1554			-.7971	-.7881
		.800			-.7797			-.6184	
		.900	- .8700			-.6281	-.5106	-.6600	
		.950	- .7366		-.7551				
		.980	- .6555			-.6120			-.8102
		.990			-.7571	-.6082	-.6611	-.7432	
		.995	- .5046		-.7446				
BETA (1) = 10.050	ALPHA (3) = 5.020	Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
		000	- .2763	-.5633	-.5269	-.3977	.0435	.4965	.2100
		.020			-.2879	-.1163	.0802	-.3063	-.2963
		.050				-.2573	-.1614	-.2705	-.1489
		.080		.0549	-.4219				
		.100	- .1307			-.2228	-.1953	-.2704	-.2269
		.120			-.8289				
		.150	.0365						

FREQUENTLY USED DEPENDENT VARIABLE CP

(RDQL11)

SECTION 1 (LEFT) LOWER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (4) = 10.120

Y/BW X/CW	299	352	.405	.534	.673	.780	.887
550							
574							
590							
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975							
980							
985							
990							
995							
1000							

BETA (1) = 10.050 ALPHA (5) = 13.190

Y/BW X/CW	299	352	.405	.534	.673	.780	.887
550							
574							
590							
595							
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995							
1000							

DATE 22 OCT 75

B25C9C15M7FBN:16526V8R5X9 LEFT LOWER WING

(117068)

DEPENDENT VARIABLE C.P.

SECTION (LEFT LOWER WING

$$\text{BETA} \cdot 1) = 10.050 \quad \text{ALPHA} \cdot 2) = 3.190$$

.299	352	.405	.534	.673	.780	.887
		-1.9574	- .9081		- .8897	- .7331
-.6774		-.9239	-1.2456	-1.2757		
		- .7150	- .8919	- .9718	- .7739	
-.6939		- .6533	- .4690			- .8219
-.6667		- .5890	- .3597	- .6760	- .8225	
- .671						
.299	.352	.405	.534	.673	.780	.887
-.5938	-1.2338	-1.4738	-1.3517	-1.7496	-1.3860	-1.7924
		-1.8903	- .3483	- .7690	-1.0895	- .2231
		-1.4066	.2044	.0372	- .5686	- .0747
	-.1463					
-.6460		-.4573	.1794	.1955	-.1663	.0761
-.0429	-.1754					
			.1670	.1690	- .0676	.0173
-.1829			- .2933	.0341		- .0288
.6463		-.0490				
		-.1065	- .3845	- .1811		- .3415
					- .4828	
-.7707			-.7917	-.5531		
		-.19050	-1.1280	-1.3436	-1.5110	-1.6710
-.6469		- .8165				

BEVA (1) = 10.050 ALPHA (6) = 15.220

0.54	.299	.352	.405	.534	.673	.780	.887
0.00	-.5838	-1.2338	-1.4738	-1.3517	-1.7496	-1.3860	-1.7924
0.20			-1.8903	-.3483	-.7650	-1.0895	-.2231
0.50				.2044	.0372	-.5586	-.0747
0.55			-1.4066				
0.60		-.1463					
0.65	-.6460			.1784	.1955	-.1663	.0761
0.70		-.4573					
0.82	-.0429	-.1754					
0.90				.1670	.1690	-.0676	.0173
1.00	-.1829			-.2933	.0341		-.0288
1.10			-.0490				
1.21	.6463						
1.50			-.1065	-.3845	-.1811		-.3415
1.60						-.4828	
1.65	-.7707						
1.75				-.7917	-.5531		
1.80			-.19050			-.15110	-.67110
1.85				-.11280	-.13436		
1.90			-.8165				
2.00	-.6469						

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351A, 1 - 10 050 ALPHA (6) - 15 020

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DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSW TEST 711 (0A69)

PAGE 223

(R00H03) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. WARP = 33.350 INCHES
LREF = 19.2300 INCHES WARP = 0.000 INCHES
BREF = 37.3350 INCHES WARP = 16.000 INCHES
SCALE = 0.435 SCALE

SECTION (1) 1000 POD OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = -10.000 ALPHA (1) = -2.980

XLB 1.004
PHI
120.000 -1.2144
120.000 -1.1624

BETA (1) = -10.070 ALPHA (2) = 0.000

XLB 1.004
PHI
120.000 -1.2087
120.000 -1.1712

BETA (1) = -10.070 ALPHA (3) = 5.020

XLB 1.004
PHI
120.000 -1.1954
120.000 -1.1697

BETA (1) = -10.050 ALPHA (4) = 10.090

XLB 1.004
PHI
120.000 -1.1876
120.000 -1.2161

BETA (1) = -10.050 ALPHA (5) = 13.190

XLB 1.004
PHI
120.000 -1.1750
120.000 -1.2190

BETA (1) = -10.050 ALPHA (6) = 16.220

XLB 1.004
PHI
120.000 -1.1590
120.000 -1.2062

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
BOFLAP = -14.250 BETA = -10.000

(R00004) (03 OCT 75)

PARAMETRIC DATA

ELEVON = 000 RUDDER = 000
 BDFLAP = -14.250 BETA = 000

DATA FOR TEST 711 (0459)
 REFERENCE DATA FOR NBLAD (0459)
 REFERENCE DATA FOR NBLAD (0459)

REFERENCE DATA

SELF = 19.120 CO. = 21.950 INCHES
 REF = 19.120 INCHES
 DRG = 19.120 INCHES
 SCALE = 19.120 INCHES

SECTION 1: 1.000 FOR OUTSIDE

DEPENDENT VARIABLE CP

BETA (1) = 000	ALPHA (1) = -2.950	Y-B	Y-B
BETA (1) = 000 <td>ALPHA (2) = 000 <td>Y-B <td>Y-B </td></td></td>	ALPHA (2) = 000 <td>Y-B <td>Y-B </td></td>	Y-B <td>Y-B </td>	Y-B
BETA (1) = 000 <td>ALPHA (3) = 5.000 <td>Y-B <td>Y-B </td></td></td>	ALPHA (3) = 5.000 <td>Y-B <td>Y-B </td></td>	Y-B <td>Y-B </td>	Y-B
BETA (1) = 000 <td>ALPHA (4) = 10.000 <td>Y-B <td>Y-B </td></td></td>	ALPHA (4) = 10.000 <td>Y-B <td>Y-B </td></td>	Y-B <td>Y-B </td>	Y-B
BETA (1) = 000 <td>ALPHA (5) = 13.200 <td>Y-B <td>Y-B </td></td></td>	ALPHA (5) = 13.200 <td>Y-B <td>Y-B </td></td>	Y-B <td>Y-B </td>	Y-B
BETA (1) = 000 <td>ALPHA (6) = 16.200 <td>Y-B <td>Y-B </td></td></td>	ALPHA (6) = 16.200 <td>Y-B <td>Y-B </td></td>	Y-B <td>Y-B </td>	Y-B

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 226

B26C9G15M7F8W116E26V8R5X9 QMS POD OUTSIDE

(ROOM06) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2700 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = -10.000

SECTION (1) QMS POD OUTSIDE		DEPENDENT VARIABLE CP	
BETA (1) = -10.060	ALPHA (1) = -2.980	X/LB	1.004
		PHI	
		110.000	-.1885
		120.000	-.1636
BETA (1) = -10.070	ALPHA (2) = .020	X/LB	1.004
		PHI	
		110.000	-.1906
		120.000	-.1889
BETA (1) = -10.070	ALPHA (3) = 5.020	X/LB	1.004
		PHI	
		110.000	-.2043
		120.000	-.2425
BETA (1) = -10.060	ALPHA (4) = 10.090	X/LB	1.004
		PHI	
		110.000	-.2114
		120.000	-.2847
BETA (1) = -10.060	ALPHA (5) = 13.190	X/LB	1.004
		PHI	
		110.000	-.1984
		120.000	-.2787
BETA (1) = -10.050	ALPHA (6) = 16.220	X/LB	1.004
		PHI	
		110.000	-.1829
		120.000	-.2786

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 7:1 (0A69)
B26C9G15M7F8W116E26V8R5X9 QMS POD OUTSIDE

PAGE 227

(RDOM07) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) QMS POD OUTSIDE

BETA (1) = -.010 ALPHA (1) = -2.950

X/LB 1.004
PHI
110.000 - .1849
120.000 - .1454

BETA (1) = .000 ALPHA (2) = .050

X/LB 1.004
PHI
110.000 - .1908
120.000 - .1543

BETA (1) = .000 ALPHA (3) = 5.030

X/LB 1.004
PHI
110.000 - .2020
120.000 - .1807

BETA (1) = .000 ALPHA (4) = 10.100

X/LB 1.004
PHI
110.000 - .2150
120.000 - .2096

BETA (1) = .000 ALPHA (5) = 13.220

X/LB 1.004
PHI
110.000 - .2154
120.000 - .2068

BETA (1) = .000 ALPHA (6) = 16.240

X/LB 1.004
PHI
110.000 - .2265
120.000 - .1945

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BOFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 228

B26C9G15M7F8W116E26V8P5X9 OMS POD OUTSIDE

(RDCM08) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = 10.000

SECTION (1) OMS POD OUTSIDE DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970	X/LB 1.004 PHI 110.000 120.000 -2671 120.000 -2530
BETA (1) = 10.060 ALPHA (2) = .030	X/LB 1.004 PHI 110.000 -2458 120.000 -2105
BETA (1) = 10.050 ALPHA (3) = 5.020	X/LB 1.004 PHI 110.000 -2783 120.000 -2206
BETA (1) = 10.050 ALPHA (4) = 10.120	X/LB 1.004 PHI 110.000 -2402 120.000 -2205
BETA (1) = 10.050 ALPHA (5) = 13.190	X/LB 1.004 PHI 110.000 -2500 120.000 -2205
BETA (1) = 10.050 ALPHA (6) = 16.220	X/LB 1.004 PHI 110.000 -2643 120.000 -2328

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 229

B26C9315M7F8W116E26V8R5X9 OMS POD OUTSIDE (R00M09) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
BDFLAP = -14.250 BETA = -10.000

SECTION (1) OMS POD OUTSIDE DEPENDENT VARIABLE CP

BETA (1) = -10.060	ALPHA (1) = -2.980	X/LB	1.004
		PHI	
		110.000	-.2666
		120.000	-.2327
BETA (1) = -10.070	ALPHA (2) = .020	X/LB	1.004
		PHI	
		110.000	-.2720
		120.000	-.2540
BETA (1) = -10.070	ALPHA (3) = 5.020	X/LB	1.004
		PHI	
		110.000	-.2871
		120.000	-.2944
BETA (1) = -10.060	ALPHA (4) = 10.090	X/LB	1.004
		PHI	
		110.000	-.3179
		120.000	-.3509
BETA (1) = -10.060	ALPHA (5) = 13.190	X/LB	1.004
		PHI	
		110.000	-.3325
		120.000	-.3789
BETA (1) = -10.050	ALPHA (6) = 16.220	X/LB	1.004
		PHI	
		110.000	-.2654
		120.000	-.3616

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 230

826C901547F8M116E2BVR5X9 0MS POD OUTSIDE

(R00M10) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

SECTION (1) 0MS POD OUTSIDE DEPENDENT VARIABLE CP

BETA (1) = -.010	ALPHA (1) = -2.950	X/LB	1.004
		PHI	
		110.000	-.3413
		120.000	-.2039
BETA (1) = .000	ALPHA (2) = .050	X/LB	1.004
		PHI	
		110.000	-.3055
		120.000	-.2341
BETA (1) = .000	ALPHA (3) = 5.030	X/LB	1.004
		PHI	
		110.000	-.3293
		120.000	-.2832
BETA (1) = .000	ALPHA (4) = 10.100	X/LB	1.004
		PHI	
		110.000	-.3470
		120.000	-.3236
BETA (1) = .000	ALPHA (5) = 13.220	X/LB	1.004
		PHI	
		110.000	-.3068
		120.000	-.3043
BETA (1) = .000	ALPHA (6) = 16.240	X/LB	1.004
		PHI	
		110.000	-.2946
		120.000	-.2623

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSAT TEST 711 (0A59)

PAGE 231

B25C931547FBW116E26V8R5X9 0MS POD OUTSIDE

(ROOM11) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
BOFLAP = -14.250 BETA = 10.000

SECTION (1)	0MS POD OUTSIDE	DEPENDENT VARIABLE CP
BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB 1.004 PHI 110.000 120.000 -.4646 -.3075
BETA (1) = 10.060	ALPHA (2) = .030	X/LB 1.004 PHI 110.000 120.000 -.4195 -.2676
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB 1.004 PHI 110.000 120.000 -.3463 -.3350
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB 1.004 PHI 110.000 120.000 -.2992 -.2568
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB 1.004 PHI 110.000 120.000 -.2980 -.2590
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB 1.004 PHI 110.000 120.000 -.3145 -.2693

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 232

B25C9015W7F8J116E26VER5X9 OMS POD OUTSIDE

(ROOM12) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = 0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = -10.000

SECTION (1) OMS POD OUTSIDE	DEPENDENT VARIABLE CP
BETA (1) = -10.060 ALPHA (1) = -2.980	X/LB 1.004 PHI 110.000 120.000 -0.0952 -1.1391
BETA (1) = -10.070 ALPHA (2) = .020	X/LB 1.004 PHI 110.000 120.000 -0.0912 -1.1395
BETA (1) = -10.070 ALPHA (3) = 5.020	X/LB 1.004 PHI 110.000 120.000 -0.0834 -1.1520
BETA (1) = -10.060 ALPHA (4) = 10.090	X/LB 1.004 PHI 110.000 120.000 -0.0813 -1.1693
BETA (1) = -10.060 ALPHA (5) = 13.190	X/LB 1.004 PHI 110.000 120.000 -0.0717 -1.1763
BETA (1) = -10.050 ALPHA (6) = 16.220	X/LB 1.004 PHI 110.000 120.000 -0.0444 -1.1564

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAG9)

PAGE 233

(R00M13) (03 OCT 75)

B26C3015M7F8W116E26V8R5X9 OMS POD OUTSIDE

REFERENCE DATA

SREF = 4.4120 SQ. FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) OMS POD OUTSIDE

BETA (1) =	-0.010	ALPHA (1) =	-2.950	X/LB	1.004
				PHI	
				110.000	-.1328
				120.000	-.2011
BETA (1) =	.000	ALPHA (2) =	.050	X/LB	1.004
				PHI	
				110.000	-.1208
				120.000	-.1869
BETA (1) =	.000	ALPHA (3) =	5.030	X/LB	1.004
				PHI	
				110.000	-.1061
				120.000	-.1605
BETA (1) =	.000	ALPHA (4) =	10.100	X/LB	1.004
				PHI	
				110.000	-.1034
				120.000	-.1527
BETA (1) =	.000	ALPHA (5) =	13.220	X/LB	1.004
				PHI	
				110.000	-.1009
				120.000	-.1542
BETA (1) =	.000	ALPHA (6) =	16.240	X/LB	1.004
				PHI	
				110.000	-.1005
				120.000	-.1452

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 234

B26C9G15M7F8M116E26V8P5X9 0MS POD OUTSIDE

(R00M14) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
BDFLAP = -.4.250 BETA = 10.000

SECTION (1)	0MS POD OUTSIDE	DEPENDENT VARIABLE CP
BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB 1.004 PHI 110.000 120.000 -2514 -2695
BETA (1) = 10.060	ALPHA (2) = .030	X/LB 1.004 PHI 110.000 120.000 -2170 -2683
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB 1.004 PHI 110.000 120.000 -2268 -2571
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB 1.004 PHI 110.000 120.000 -1920 -2517
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB 1.004 PHI 110.000 120.000 -1845 -2627
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB 1.004 PHI 110.000 120.000 -1824 -2589

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (OAS9)

PAGE 235

B26C9G15M7FBH116E26V8R5X9 OMS POD OUTSIDE

(R00H15) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
BDFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) OMS POD OUTSIDE

BETA (1) = -10.060	ALPHA (1) = -2.980	X/LB PHI	1.004 -110.000 120.000
BETA (1) = -10.070	ALPHA (2) = .020	X/LB PHI	1.004 -110.000 120.000
BETA (1) = -10.070	ALPHA (3) = 5.020	X/LB PHI	1.004 -110.000 120.000
BETA (1) = -10.060	ALPHA (4) = 10.090	X/LB PHI	1.004 -110.000 120.000
BETA (1) = -10.060	ALPHA (5) = 13.190	X/LB PHI	1.004 -110.000 120.000
BETA (1) = -10.050	ALPHA (6) = 16.220	X/LB PHI	1.004 -110.000 120.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSAT TEST 711 (0A69)

PAGE 236

B2GC9G15M 3W116E26VBR5X9 OMS POD OUTSIDE

(R00M16) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
BDFLAP = -14.250 BETA = .000

SECTION (1) OMS POD OUTSIDE DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950	X/LB	1.004
	PHI	
	110.000	-.1648
	120.000	-.2075
BETA (1) = .000 ALPHA (2) = .050	X/LB	1.004
	PHI	
	110.000	-.1441
	120.000	-.1921
BETA (1) = .000 ALPHA (3) = 5.030	X/LB	1.004
	PHI	
	110.000	-.1115
	120.000	-.1661
BETA (1) = .000 ALPHA (4) = 10.100	X/LB	1.004
	PHI	
	110.000	-.1064
	120.000	-.1599
BETA (1) = .000 ALPHA (5) = 13.220	X/LB	1.004
	PHI	
	110.000	-.1144
	120.000	-.1578
BETA (1) = .000 ALPHA (6) = 16.240	X/LB	1.004
	PHI	
	110.000	-.1454
	120.000	-.1520

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NLRAD LSHT TEST 711 (0A69)

PAGE 237

B26C9315M7FBW116E26VBR5X9 045 POD OUTSIDE

(RDOH17) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = 2000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0425 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BOFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) 045 POD OUTSIDE

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB	PHI
		110.000	-1.998
		120.000	-2.663
BETA (1) = 10.060	ALPHA (2) = .030	X/LB	PHI
		110.000	-1.904
		120.000	-2.668
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB	PHI
		110.000	-2.033
		120.000	-2.552
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB	PHI
		110.000	-1.988
		120.000	-2.636
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB	PHI
		110.000	-2.326
		120.000	-2.796
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB	PHI
		110.000	-2.408
		120.000	-2.723

DATE 22 OCT 75

ADJUSTED PRESSURE DATA FOR NRLAD LSMT TEST 711 (DA69)

PAGE 238

(ROON03) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) 110MS POD INSIDE

BETA (1) = -10.060 ALPHA (1) = -2.980

BETA (1) = -10.070 ALPHA (2) = .020

BETA (1) = -10.070 ALPHA (3) = 5.020

BETA (1) = -10.060 ALPHA (4) = 10.090

BETA (1) = -10.060 ALPHA (5) = 13.190

BETA (1) = -10.050 ALPHA (6) = 16.220

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
FLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

X/LB	1.004
PHI	
110.000	-.2841
120.000	-.4340
X/LB	1.004
PHI	
110.000	-.2644
120.000	-.4194
X/LB	1.004
PHI	
110.000	-.2729
120.000	-.3599
X/LB	1.004
PHI	
110.000	-.2605
120.000	-.3663
X/LB	1.004
PHI	
110.000	-.2691
120.000	-.3674
X/LB	1.004
PHI	
110.000	-.2665
120.000	-.2939

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 239

B25C0315M7F8W116E25VBR5X9 OMS POD INSIDE (RDQND4) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

SECTION (1) OMS POD INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -.010	ALPHA (1) = -2.950	X/LB	1.004
		PHI	
		110.000	-.2557
		120.000	-.3485
BETA (1) = .000	ALPHA (2) = .050	X/LB	1.004
		PHI	
		110.000	-.2502
		120.000	-.3322
BETA (1) = .000	ALPHA (3) = 5.030	X/LB	1.004
		PHI	
		110.000	-.2372
		120.000	-.3089
BETA (1) = .000	ALPHA (4) = 10.100	X/LB	1.004
		PHI	
		110.000	-.2277
		120.000	-.2921
BETA (1) = .000	ALPHA (5) = 13.220	X/LB	1.004
		PHI	
		110.000	-.2330
		120.000	-.2913
BETA (1) = .000	ALPHA (6) = 16.240	X/LB	1.004
		PHI	
		110.000	-.2356
		120.000	-.3037

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 240

826C9015M7F8W116E26V8R5X9 QMS POD INSIDE

(R00N05) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9500 INCHES
LREF = 19.2300 INCHES YMRP = 0.0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
BDFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) QMS POD INSIDE

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB	1.004
		PHI	110.000
			120.000
			-.2890
			-.2905
BETA (1) = 10.060	ALPHA (2) = .030	X/LB	1.004
		PHI	110.000
			120.000
			-.2886
			-.2901
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB	1.004
		PHI	110.000
			120.000
			-.2820
			-.2869
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB	1.004
		PHI	110.000
			120.000
			-.2833
			-.2961
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB	1.004
		PHI	110.000
			120.000
			-.2830
			-.2952
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB	1.004
		PHI	110.000
			120.000
			-.2727
			-.2750

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 241

B26C9G15M7F9W116E26V8R5X9 QMS POD INSIDE (RQDN06) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = -10.000

SECTION (1) QMS POD INSIDE		DEPENDENT VARIABLE CP	
BETA (1)	--10.060 ALPHA (1) = -2.980	X/LB	1.004
		PHI	
		110.000	-.2454
		120.000	-.3616
BETA (1)	--10.070 ALPHA (2) = .020	X/LB	1.004
		PHI	
		110.000	-.2449
		120.000	-.3333
BETA (1)	--10.070 ALPHA (3) = 5.020	X/LB	1.004
		PHI	
		110.000	-.2510
		120.000	-.3334
BETA (1)	--10.060 ALPHA (4) = 10.090	X/LB	1.004
		PHI	
		110.000	-.2634
		120.000	-.3146
BETA (1)	--10.060 ALPHA (5) = 13.190	X/LB	1.004
		PHI	
		110.000	-.2817
		120.000	-.3460
BETA (1)	--10.050 ALPHA (6) = 16.220	X/LB	1.004
		PHI	
		110.000	-.3131
		120.000	-.3248

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 242

925C9G1547F84116E26V8R5V9 0MS POD INSIDE

(R00N07) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) 0MS POD INSIDE

BETA (1) = - 0.10	ALPHA (1) = -2.950	X/LB	1.004
		PHI	
		110.000	-.2234
		120.000	-.3269
BETA (1) = .000	ALPHA (2) = .050	X/LB	1.004
		PHI	
		110.000	-.2211
		120.000	-.3129
BETA (1) = .000	ALPHA (3) = 5.030	X/LB	1.004
		PHI	
		110.000	-.2153
		120.000	-.2942
BETA (1) = .000	ALPHA (4) = 10.100	X/LB	1.004
		PHI	
		110.000	-.2330
		120.000	-.3085
BETA (1) = .000	ALPHA (5) = 13.220	X/LB	1.004
		PHI	
		110.000	-.2581
		120.000	-.3446
BETA (1) = .000	ALPHA (6) = 16.240	X/LB	1.004
		PHI	
		110.000	-.2811
		120.000	-.3726

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 7:1 (0459)

PAGE 243

826C9G:5M7F8N116E26V8R5X9 0MS POD INSIDE

(R00N08) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 BOFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) 0MS POD INSIDE

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB	PHI
		110.000	-2451
		120.000	-2635
BETA (1) = 10.050	ALPHA (2) = .030	X/LB	PHI
		110.000	-2419
		120.000	-2506
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB	PHI
		110.000	-2494
		120.000	-2619
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB	PHI
		110.000	-2703
		120.000	-2725
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB	PHI
		110.000	-3004
		120.000	-3285
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB	PHI
		110.000	-3153
		120.000	-3425

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LENT TEST 7:1 (0A59)

PAGE 244

B2639515MTF8W115E25V8P5Y9 OMS POD INSIDE

(ROON09) (03 OCT 75)

REFERENCE DATA

SPEF = 4.4120 SQ.FT. XMRP = 33 9580 INCHES
LREF = 19.2300 INCHES YMRP = 3000 INCHES
BREF = 37.9380 INCHES ZMRP = 15 2000 INCHES
SCALE = 10+05 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
BDFLAP = -14.250 BETA = -10.000

SECTION / 11OMS POD INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (1) = -2.980

X/LB 1.004
P41
110 000 -1.2387
120 000 -1.3390

BETA (1) = -10.070 ALPHA (2) = .020

X/LB 1.004
P41
110 000 -1.2281
120 000 -1.2891

BETA (1) = -10.070 ALPHA (3) = 5.020

X/LB 1.004
P41
110 000 -1.2503
120 000 -1.2387

BETA (1) = -10.060 ALPHA (4) = 10.090

X/LB 1.004
P41
110 000 -1.3151
120 000 -1.4019

BETA (1) = -10.060 ALPHA (5) = 13.190

X/LB 1.004
P41
110 000 -1.3734
120 000 -1.3420

BETA (1) = -10.060 ALPHA (6) = 15.220

X/LB 1.004
P41
110 000 -1.3595
120 000 -1.3491

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (CAB9)

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(ROON10) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = 0.000 INCHES
BREF = 37.9360 INCHES ZMRP = 15.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) OMS POD INSIDE DEPENDENT VARIABLE CP

BETA (1) = -.010	ALPHA (1) = -2.950	X/LB	1.004
		PHI	
		110.000	-.2316
		120.000	-.3296
BETA (1) = .000	ALPHA (2) = .050	X/LB	1.004
		PHI	
		110.000	-.2366
		120.000	-.3099
BETA (1) = .000	ALPHA (3) = 5.030	X/LB	1.004
		PHI	
		110.000	-.2475
		120.000	-.3092
BETA (1) = .000	ALPHA (4) = 10.100	X/LB	1.004
		PHI	
		110.000	-.2768
		120.000	-.3690
BETA (1) = .000	ALPHA (5) = 13.220	X/LB	1.004
		PHI	
		110.000	-.2964
		120.000	-.3953
BETA (1) = .000	ALPHA (6) = 15.240	X/LB	1.004
		PHI	
		110.000	-.3235
		120.000	-.4876

PARAMETRIC DATA

ELEVON = -.40.000 RUDDER = .000
DOFLAP = -14.250 BETA = .000

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR
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DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 7:1 (2A59)

PAGE 246

B25C9G15W7F8A116E26V8R5Y9 CMS POD INSIDE (R00N11) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT XMRP = 13.9580 INCHES
 LREF = 19.2350 INCHES YMRP = 0.000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = 10.005 SCALE

SECTION (1) CMS POD INSIDE

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

X/LB 1.004
 PHI
 110.000 -2.2854
 120.000 -2.3122

BETA (1) = 10.060 ALPHA (2) = .030

X/LB 1.004
 PHI
 110.000 -2.2727
 120.000 -2.3174

BETA (1) = 10.050 ALPHA (3) = 5.020

X/LB 1.004
 PHI
 110.000 -2.2971
 120.000 -2.3570

BETA (1) = 10.050 ALPHA (4) = 10.120

X/LB 1.004
 PHI
 110.000 -2.3115
 120.000 -2.3609

BETA (1) = 10.050 ALPHA (5) = 13.190

X/LB 1.004
 PHI
 110.000 -2.3291
 120.000 -2.3571

BETA (1) = 10.050 ALPHA (6) = 16.220

X/LB 1.004
 PHI
 110.000 -2.3537
 120.000 -2.3885

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BOFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 247

R26C9G15M7FBH116E26V8R5X9 OMS POD INSIDE

(R00N12) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .00 RUDDER = -15.000
 BOFLAP = -14.250 BETA = -10.000

SECTION (1)	11OMS POD INSIDE	DEPENDENT VARIABLE CP
BETA (1)	--10.060 ALPHA (1) = -2.980	X/LB 1.004 PHI 110.000 120.000 -2962 -1381
BETA (1)	--10.070 ALPHA (2) = .020	X/LB 1.004 PHI 110.000 120.000 -2903 -1395
BETA (1)	--10.070 ALPHA (3) = 5.020	X/LB 1.004 PHI 110.000 120.000 -2748 -1520
BETA (1)	--10.060 ALPHA (4) = 10.090	X/LB 1.004 PHI 110.000 120.000 -2844 -1693
BETA (1)	--10.060 ALPHA (5) = 13.190	X/LB 1.004 PHI 110.000 120.000 -2829 -1763
BETA (1)	--10.050 ALPHA (6) = 16.220	X/LB 1.004 PHI 110.000 120.000 -2695 -1564

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (OAS9)

PAGE 248

B25C9G15M7F8-116E26V8R5X9 OMS POD INSIDE

(R00N13) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
BOFLAP = -14.250 BETA = .000

SECTION (1) OMS POD INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950	X/LB	1.004
	PHI	
	110.000	-.2731
	120.000	-.2011
BETA (1) = .000 ALPHA (2) = .050	X/LB	1.004
	PHI	
	110.000	-.2666
	120.000	-.1969
BETA (1) = .000 ALPHA (3) = 5.030	X/LB	1.004
	PHI	
	110.000	-.2451
	120.000	-.1605
BETA (1) = .000 ALPHA (4) = 10.100	X/LB	1.004
	PHI	
	110.000	-.2427
	120.000	-.1527
BETA (1) = .000 ALPHA (5) = 13.220	X/LB	1.004
	PHI	
	110.000	-.2452
	120.000	-.1542
BETA (1) = .000 ALPHA (6) = 15.240	X/LB	1.004
	PHI	
	110.000	-.2433
	120.000	-.1452

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 249

826C90:5M7FBW116E26V8R5X9 OMS POD INSIDE

(R0QN14) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0200 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
BOFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) OMS POD INSIDE

BETA (1) = 10.050	ALPHA (1) = -2.970	X/LB	1.004
		PHI	
		110.000	-.2962
		120.000	-.2695
BETA (1) = 10.050	ALPHA (2) = .030	X/LB	1.004
		PHI	
		110.000	-.2999
		120.000	-.2683
BETA (1) = 10.050	ALPHA (3) = 5.020	X/LB	1.004
		PHI	
		110.000	-.3021
		120.000	-.2571
BETA (1) = 10.050	ALPHA (4) = 10.120	X/LB	1.004
		PHI	
		110.000	-.2957
		120.000	-.2517
BETA (1) = 10.050	ALPHA (5) = 13.190	X/LB	1.004
		PHI	
		110.000	-.2996
		120.000	-.2627
BETA (1) = 10.050	ALPHA (6) = 16.220	X/LB	1.004
		PHI	
		110.000	-.2722
		120.000	-.2589

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 250

B26C90:547F84116E26V8R5X9 OMS POD INSIDE

(R00N15) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
 LREF = 19.2300 INCHES YMRP = 3000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BOFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) OMS POD INSIDE

BETA (1)	ALPHA (1)	X/LB	PHI
-10.060	-2.980	1.004	110.000
			120.000
BETA (1)	ALPHA (2)	X/LB	PHI
-10.070	.020	1.004	110.000
			120.000
BETA (1)	ALPHA (3)	X/LB	PHI
-10.070	5.020	1.004	110.000
			120.000
BETA (1)	ALPHA (4)	X/LB	PHI
-10.060	10.090	.004	110.000
			120.000
BETA (1)	ALPHA (5)	X/LB	PHI
-10.060	13.190	1.004	110.000
			120.000
BETA (1)	ALPHA (6)	X/LB	PHI
-10.050	16.220	1.004	110.000
			120.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 7:11 (0A69)

PAGE 251

B26C9G15MTFBW116E26VBR5X9 QWS POD INSIDE (R00N16) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = 0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) QWS POD INSIDE

DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950

X/LB 1.004
PHI 110.000 -2.769
120.000 -2.2075

BETA (1) = .000 ALPHA (2) = .050

X/LB 1.004
PHI 110.000 -2.647
120.000 -2.1921

BETA (1) = .000 ALPHA (3) = 5.030

X/LB 1.004
PHI 110.000 -2.344
120.000 -2.1661

BETA (1) = .000 ALPHA (4) = 10.100

X/LB 1.004
PHI 110.000 -2.341
120.000 -2.1599

BETA (1) = .000 ALPHA (5) = 13.220

X/LB 1.004
PHI 110.000 -2.2424
120.000 -2.1578

BETA (1) = .000 ALPHA (6) = 16.240

X/LB 1.004
PHI 110.000 -2.2419
120.000 -2.1520

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
RDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0469)
B26C9C1547F8W11EE26V8R5X9 DMS POD INSIDE

PAGE 252

(300N17) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. YMRP = 33.9580 INCHES
LREF = 19.2300 INCHES XMRP = .0000 INCHES
BREF = 37.9300 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
BDFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) DMS POD INSIDE
BETA (1) = 10.050 ALPHA (1) = -2.970

X/LB 1.004
PHI
110.000 - .2956
120.000 - .2663

BETA (1) = 10.060 ALPHA (2) = .030

X/LB 1.004
PHI
110.000 - .2896
120.000 - .2668

BETA (1) = 10.050 ALPHA (3) = 5.020

X/LB 1.004
PHI
110.000 - .2891
120.000 - .2552

BETA (1) = 10.050 ALPHA (4) = 10.120

X/LB 1.004
PHI
110.000 - .2870
120.000 - .2636

BETA (1) = 10.050 ALPHA (5) = 13.190

X/LB 1.004
PHI
110.000 - .2890
120.000 - .2796

BETA (1) = 10.050 ALPHA (6) = 16.220

X/LB 1.004
PHI
110.000 - .2681
120.000 - .2723

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (OAS9)

PAGE 253

(R00R12) (03 OCT 75)

B26C9G15M7FBH116E2SV8RSX9 RIGHT VERTICAL

REFERENCE DATA

SREF = 4.4120 50.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 F3FLAP = -14.250 BETA = -10.000

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

BETA (1) = -10.060	ALPHA (1) = -2.980	Z/BV X/CV	158	.316	.600	.840	.925
BETA (1) = -10.070	ALPHA (2) = .020	.000	-1.1378	-1.1695	-1.4103	-1.3727	-1.6917
		.020	-1.7559	-1.6217	-1.9372	-1.8583	-1.0444
		.050	-1.9438	-1.0574	-1.0315	-1.6318	-1.7464
		.150	-1.5316	-1.9670	-1.7724	-1.4707	-1.3782
		.300	-1.4251	-1.2983	-1.8797	-1.3684	-1.3272
		.520	-1.3565	-1.0751	-1.7987	-1.3686	-1.2742
		.650	-1.3787	-1.0991	-1.0191	-1.3707	-1.2719
		.775	-1.2222	-1.1257	-1.7257	-1.3140	-1.2517
		.000	.158	.316	.600	.840	.925
		.020	-1.1823	-1.2327	-1.4247	-1.3549	-1.7236
BETA (1) = -10.070	ALPHA (3) = 5.020	.050	-1.8039	-1.6457	-1.8846	-1.8232	-1.9574
		.150	-1.5758	-2.0539	-1.8090	-1.4845	-1.3833
		.300	-1.4424	-1.2877	-1.9522	-1.3633	-1.3148
		.520	-1.3599	-1.0953	-1.9033	-1.4102	-1.2940
		.650	-1.3677	-1.0835	-1.1149	-1.3920	-1.2814
		.775	-1.2208	-1.1312	-1.7628	-1.3233	-1.2478
		.000	.158	.316	.600	.840	.925
		.020	-1.2985	-1.3470	-1.4275	-1.3489	-1.6827
		.050	-1.8508	-1.6033	-1.8302	-1.7647	-1.8368
		BETA (1) = -10.060	ALPHA (4) = 10.090	.150	-1.9738	-1.0783	-1.9904
.300	-1.5827			-2.0495	-1.8011	-1.4432	-1.3632
.520	-1.4471			-1.2862	-1.1390	-1.3745	-1.3071
.650	-1.3304			-1.1185	-1.9151	-1.4455	-1.3003
.775	-1.3084			-1.1198	-1.1739	-1.4467	-1.2991
.000	.158			.316	.600	.840	.925
.020	-1.4192			-1.4150	-1.4019	-1.3334	-1.6273
.050	-1.8421			-1.4924	-1.8303	-1.7402	-1.7367
.150	-1.9775			-1.1442	-1.0384	-1.5749	-1.6022
.300	-1.6218			-2.1455	-1.8660	-1.4115	-1.3285
BETA (1) = -10.060	ALPHA (4) = 10.090	.520	-1.4617	-1.3270	-1.13394	-1.4023	-1.3119
		.650	-1.3251	-1.1388	-1.8740	-1.5331	-1.3381
		.775	-1.2712	-1.1549	-1.1399	-1.5348	-1.3285
		.000	.158	.316	.600	.840	.925
		.020	-1.2021	-1.1678	-1.5440	-1.4693	-1.2924

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 254

B26C9G15M7F8W116E26V8R5X9 RIGHT VERTICAL (ROOR12)

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/BV	.158	.316	.600	.840	.925
X/0V					
.000	-1.4750	-1.4568	-.3941	-.3028	-1.5040
.020	-1.9042	-1.4455	-.8301	-.7181	-.6724
.050	-.9131	-1.1545	-1.0649	-.5472	-.5538
.150	-.6422	-2.3573	-.9209	-.4491	-.3407
.300	-.4838	-.3556	-1.4730	-.4374	-.3309
.520	-.3161	-.1194	-.7349	-.5962	-.3587
.650	-.3131	-.1621	-.9694	-.5885	-.3354
.775	-.2051	-.1708	-.3797	-.5212	-.3177

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/BV	.158	.316	.600	.840	.925
X/0V					
.000	-1.3700	-1.3970	-.3383	-.2825	-1.3431
.020	-1.3212	-1.3967	-.8456	-.7038	-.6143
.050	-.8624	-1.1195	-1.1424	-.5334	-.5217
.150	-.5961	-1.9558	-1.0741	-.4731	-.3636
.300	-.4512	-.3979	-1.4522	-.4661	-.3658
.520	-.3381	-.1969	-.7214	-.6063	-.4072
.650	-.4176	-.2339	-.9200	-.6003	-.3589
.775	-.2545	-.2119	-.3439	-.5211	-.3346

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 255

B26C9G15M7FBW116E26V8R5X9 RIGHT VERTICAL

(R00R13) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1231	-.1923	.9117	.1994	-.2915
.020	-.2322	-.2649	-.1723	-.0500	-.0015
.050	-.0785	-.1513	-.0349	-.0534	-.0758
.150	-.0956	-.0916	-.0304	.0041	-.0190
.300	-.1298	-.1092	.0169	-.0073	-.0890
.520	-.2295	-.0334	.0255	-.0088	-.1898
.650	-.4084	-.0303	.0913	.0070	-.3599
.775	-.1976	-.0802	.1062	-.1369	.1855

BETA (1) = .000 ALPHA (2) = .050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1658	-.2395	.9162	.1872	-.3455
.020	-.2562	-.2781	-.1889	-.0520	-.0161
.050	-.1013	-.1829	-.0481	-.0498	-.0816
.150	-.1109	-.1048	-.0412	.0044	-.0320
.300	-.1422	-.1177	.0044	-.0174	-.1082
.520	-.2295	-.0345	.0061	-.0282	-.2133
.650	-.4070	-.0340	.0774	-.0073	-.3533
.775	-.1955	-.0827	.0915	-.1602	.1807

BETA (1) = .000 ALPHA (3) = 5.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2223	-.3133	.9168	.1734	-.4341
.020	-.2706	-.2844	-.1901	-.0337	-.0275
.050	-.1288	-.1715	-.0703	-.0440	-.0887
.150	-.1380	-.1260	-.0624	.0325	-.0648
.300	-.1617	-.1314	.0218	-.0326	-.1502
.520	-.2323	-.0380	-.0052	-.0506	-.2406
.650	-.3993	-.0345	.0613	-.0326	-.3055
.775	-.1796	-.0785	.0721	-.2003	.1383

BETA (1) = .000 ALPHA (4) = 10.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2537	-.3661	.9230	.1676	-.5097
.020	-.2974	-.3047	-.1595	-.0603	-.0580
.050	-.1431	-.1666	-.0748	-.0813	-.1031
.150	-.1549	-.1372	-.0664	-.0577	-.0961
.300	-.1758	-.1398	-.0459	-.0557	-.1882
.520	-.2309	-.0386	-.0063	-.0650	-.2477
.650	-.3906	-.0280	.0527	-.0591	-.2735
.775	-.1698	-.0681	.0591	-.2167	.1079

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BOFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A59)

PAGE 256

(ROOM 13)

826C9315M7F8M116E26V8R5X9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2692	-.3836	.9189	.1630	-.5483
.020	-.3056	-.3140	-.1554	-.0864	-.0727
.050	-.1573	-.1741	-.0847	-.1081	-.1165
.150	-.1638	-.1487	-.0723	-.0788	-.1139
.300	-.1839	-.1455	-.0584	-.0736	-.2062
.520	-.2416	-.0428	-.0086	-.0795	-.2554
.650	-.3932	-.0310	.0460	-.0745	-.2540
.775	-.1707	-.0633	.0545	-.2228	.0910

BETA (1) = .000 ALPHA (6) = 16.240

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2754	-.3956	.9189	.1645	-.5711
.020	-.3253	-.3327	-.1659	-.1105	-.0927
.050	-.1672	-.1945	-.0926	-.1297	-.1303
.150	-.1732	-.1584	-.0799	-.0992	-.1346
.300	-.1927	-.1533	-.0706	-.0824	-.2233
.520	-.2548	-.0451	-.0144	-.0954	-.2649
.650	-.4118	-.0328	.0409	-.0896	-.2526
.775	-.1722	-.0599	.0506	-.2247	.0570

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TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 257

BEC09015MTF8W116E26VBP5X9 RIGHT VERTICAL (R00R14) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 15.2000 INCHES
 SCALE = .0405 SCALE

SECTION 1 (1) RIGHT VERTICAL

BETA (1) = 10.050 ALPHA (1) = -2.970

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9228	-.9939	-.1611	-.6090	-.6610
.020	.5568	.0877	.0419	.2544	.1838
.050	.3975	.3993	.3097	.3445	.2120
.150	.2604	.2617	.3152	.2352	.1218
.300	.1390	.1539	.2159	.1319	-.0701
.520	-.0959	.0949	.1347	.0387	-.2439
.650	-.3871	.1023	.1875	-.0008	-.4598
.775	-.1560	.0266	.1778	-.2269	.0948

BETA (1) = 10.060 ALPHA (2) = .030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9884	-1.0379	-.1799	-.6734	-.7618
.020	.5502	.0104	.0400	.2031	.1175
.050	.3734	.3643	.2480	.2853	.1420
.150	.2400	.2511	.2865	.1942	.0770
.300	.1219	.1395	.1915	.1035	-.1150
.520	-.0955	.0804	.1229	.0120	-.2691
.650	-.3921	.1023	.1790	-.0253	-.4419
.775	-.1514	.0343	.1666	-.2595	.0611

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0746	-1.1030	-.2151	-.7250	-.8443
.020	.5230	-.1062	-.1954	.1210	-.0102
.050	.3419	.3045	.1431	.1956	.0231
.150	.2118	.2318	.2295	.1344	.0021
.300	.1018	.1205	.1474	.0518	-.1772
.520	-.0930	.0710	.1035	-.0369	-.3024
.650	-.4003	.1030	.1593	-.0751	-.3841
.775	-.1507	.0413	.1427	-.2976	.0246

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0992	-1.1288	-.2217	-.7269	-.8748
.020	.4974	-.2255	-.3355	.0415	-.1309
.050	.3072	.2707	.0293	.1240	-.0820
.150	.1887	.2153	.1636	.1028	-.0553
.300	.0888	.1118	.1071	.0337	-.2476
.520	-.0949	.0571	.0847	-.0874	-.3246
.650	-.3977	.1024	.1314	-.1183	-.3433
.775	-.1483	.0520	.1198	-.3349	-.0110

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 258

(ROOM 14)

B26C9315M7F8X116E26V8F5X9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/BV X/CV	158	.316	.600	.840	.925
.000	-1.1948	-1.1737	-.2647	-.7585	-.8818
.020	.4690	-.2946	-.4477	-.0117	-.2063
.050	.2821	.2584	-.0275	.0704	-.1421
.100	.1710	.2108	.1352	.0793	-.1038
.200	.0839	.1043	.0916	.0243	-.2676
.300	-.1042	.0625	.0249	-.1021	-.3202
.400	-.3935	.1027	.1220	-.1229	-.3141
.500	-.1499	.0577	.1138	-.1340	-.0278

BETA (1) = 10.050 ALPHA (5) = 16.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.2091	-1.2263	-.3032	-.7965	-.8852
.020	.3423	-.3474	-.5642	-.0636	-.2780
.050	.2003	.2414	-.0793	.0293	-.1853
.100	.1590	.1948	.1142	.0553	-.1405
.200	.0635	.0355	.0739	.0178	-.2940
.300	-.1383	.0635	.0791	-.1156	-.3328
.400	-.4073	.1042	.1120	-.1248	-.3017
.500	-.1417	.0676	.1202	-.1348	-.0475

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A59)

PAGE 259

B26C9G15M7FBW116E26V8RSX9 RIGHT VERTICAL

(R00R15) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = 6.000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (1) = -2.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1730	-1.2193	-.4993	-.4023	-1.6202
.020	-1.7821	-1.7780	-.8689	-.8714	-1.0127
.050	-.9463	-1.2031	-1.1522	-.8235	-.9432
.150	-.5493	-1.1992	-.8943	-.4862	-.4376
.300	-.4406	-.7035	-1.0822	-.4584	-.4328
.520	-.3737	-.3162	-1.3055	-.4114	-.3793
.650	-.3891	-.0338	-.9917	-.3890	-.3254
.775	-.2036	-.1511	-.9678	-.3510	-.3000

BETA (2) = -10.070 ALPHA (2) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.2407	-1.3347	-.5097	-.3974	-1.5004
.020	-1.8110	-1.7712	-.8439	-.6338	-.9340
.050	-.9694	-1.2376	-1.1381	-.8271	-.9423
.150	-.5739	-2.0290	-.9346	-.4809	-.4285
.300	-.4543	-.2966	-1.2012	-.4364	-.3937
.520	-.3612	-.3119	-1.4194	-.4017	-.3594
.650	-.3796	-.0187	-1.0478	-.3910	-.3215
.775	-.1958	-.1579	-.9835	-.3495	-.2904

BETA (3) = -10.070 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.3356	-1.3936	-.4975	-.3925	-1.3779
.020	-1.8698	-1.7300	-.8135	-.6224	-.8954
.050	-.9864	-1.1698	-1.1090	-.8204	-.8585
.150	-.6121	-2.0597	-1.0114	-.4904	-.4158
.300	-.4648	-.3187	-1.3911	-.4151	-.3576
.520	-.3168	-.2979	-1.6201	-.4113	-.3289
.650	-.3191	-.0427	-1.0725	-.4363	-.3142
.775	-.2059	-.1715	-.9372	-.3688	-.2903

BETA (4) = -10.060 ALPHA (4) = 10.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.4526	-1.4562	-.5004	-.3731	-1.2361
.020	-1.8885	-1.7239	-.8355	-.8241	-.8461
.050	-.9788	-1.1191	-1.1259	-.7273	-.7047
.150	-.6405	-2.1512	-1.0525	-.5136	-.4018
.300	-.4734	-.3516	-1.6213	-.4447	-.3520
.520	-.3166	-.2660	-1.7095	-.5030	-.3418
.650	-.2775	-.1562	-.9785	-.5539	-.3194
.775	-.2264	-.2004	-.7499	-.4540	-.3502

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BOFLAP = -14.250 BETA = -10.000

DATE 22 OCT 75

*CALCULATED PRESSURE DATA FOR *PLAD LSMT TEST 711 (0A69)

PAGE 260

(R00R15)

B26C9015*7F9W:16E26V8REY9 RIGHT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/8V X/CV	158	.316	.600	.840	.925
.000	-1.4778	-1.5007	-.5034	-.3295	-1.1306
.020	-1.9472	-1.7042	-.8532	-.7595	-.8018
.050	-.9421	-1.1979	-1.1639	-.6865	-.6416
.150	-.6571	-2.3574	-1.0729	-.5475	-.4071
.300	-.5065	-.3991	-1.7866	-.4820	-.3636
.520	-.3174	-.2762	-1.6350	-.5851	-.3661
.650	-.3133	-.1725	-.8313	-.6253	-.3290
.775	-.2234	-.1909	-.5691	-.4957	-.4104

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/8V X/CV	.316	.600	.840	.925
.000	-1.3923	-1.4544	-.2837	-1.0439
.020	-1.3783	-1.5603	-.7729	-.7632
.050	-.6729	-1.2474	-.6545	-.6032
.150	-.6404	-1.8929	-.6017	-.4518
.300	-.4745	-.4286	-.5537	-.3958
.520	-.3381	-.3281	-.6287	-.4394
.650	-.4531	-.2130	-.6632	-.3513
.775	-.1569	-.1920	-.4993	-.4525

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 261

(R00R16) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33 3580 INCHES
 LREF = 19.2300 INCHES YMRP = 0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BCF LAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) RIGHT VERTICAL

BETA (1) = -.010 ALPHA (1) = -2.950

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1294	-.1942	.8715	.0278	-.4826
.020	-.2556	-.3096	-.2591	-.1779	-.1718
.050	-.0805	-.2557	-.1058	-.0833	-.1543
.100	-.1079	-.1394	-.0664	-.0757	-.0888
.150	-.1456	-.1439	-.0752	-.0533	-.0613
.200	-.2361	-.2392	-.1504	-.1448	-.2096
.250	-.4307	-.0181	-.0959	-.3036	-.4143
.300	-.1927	-.1139	-.1102	-.0384	-.1424

BETA (1) = .000 ALPHA (2) = .050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1676	-.2361	.8635	.0237	-.5317
.020	-.2765	-.3196	-.2614	-.1765	-.1704
.050	-.1065	-.2508	-.1149	-.0673	-.1513
.100	-.1265	-.1517	-.0738	-.0785	-.0939
.150	-.1595	-.1535	-.0867	-.0644	-.0387
.200	-.2394	-.2407	-.1581	-.1522	-.2136
.250	-.2688	-.0797	-.1014	-.2730	-.4219
.300	-.1894	-.1203	-.1220	-.0630	-.1553

BETA (1) = .000 ALPHA (3) = 5.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2227	-.3015	.8718	.0213	-.5925
.020	-.2953	-.3246	-.2555	-.1593	-.1741
.050	-.1344	-.2426	-.1333	-.0582	-.1507
.100	-.1538	-.1735	-.0959	-.1031	-.1136
.150	-.1756	-.1638	-.0974	-.0664	-.0809
.200	-.2429	-.2376	-.1549	-.1637	-.2265
.250	-.2089	-.1019	-.1221	-.2519	-.4529
.300	-.1788	-.1169	-.1236	-.0730	-.1525

BETA (1) = .000 ALPHA (4) = 10.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2535	-.3453	.8694	.0232	-.6383
.020	-.3219	-.3446	-.2537	-.1414	-.1887
.050	-.1456	-.2553	-.1440	-.0985	-.1432
.100	-.1702	-.1892	-.0974	-.1198	-.1349
.150	-.1883	-.1738	-.0937	-.0737	-.1014
.200	-.2469	-.2320	-.1611	-.1682	-.2370
.250	-.1643	-.1026	-.1236	-.2390	-.4385
.300	-.1700	-.1153	-.1396	-.0847	-.1761

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAS9)

PAGE 262

(R00R16)

B26C9G15M7FBH116E26V8R5X9 RIGHT VERTICAL

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Z/BV
X/CV

.000	-.2673	-.3021	.8572	.0237	.925
.020	-.3312	-.3529	-.2261	-.1424	-.6666
.050	-.1574	-.2681	-.1517	-.1024	-.1969
.100	-.1822	-.2008	-.1098	-.1375	-.1486
.150	-.1990	-.1809	-.1060	-.0831	-.1529
.200	-.2554	-.2361	-.1620	-.1729	-.1138
.250	-.1562	.1133	-.1356	-.2365	-.2514
.300	-.1708	-.1097	-.1387	-.0888	-.4291
.350					-.1801

BETA (1) = .000 ALPHA (6) = 16.240

Z/BV
X/CV

.000	-.2737	-.3757	.8419	.0197	-.7064
.020	-.3436	-.3654	-.2239	-.1530	-.2051
.050	-.1721	-.2668	-.1617	-.1119	-.1568
.100	-.1886	-.2082	-.1171	-.1554	-.1672
.150	-.2102	-.1928	-.1153	-.0932	-.1095
.200	-.2618	-.2338	-.1559	-.1732	-.2574
.250	-.1342	.1178	-.1371	-.2268	-.4138
.300	-.1757	-.1080	-.1399	-.0975	-.1773
.350					

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A69)

PAGE 263

B26C9G1547FB4113E26V8R5X9 RIGHT VERTICAL

(R00R17) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 50. FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) RIGHT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.8638	-.8809	.2546	-.1448	-.3769
.020	.5585	.1322	.1399	.2639	.1530
.050	.3974	.3736	.3054	.3328	.2353
.150	.2491	.2099	.2771	.2049	.1167
.300	.1231	.1180	.1870	.1460	.0625
.520	-.1056	-.0592	.0334	-.0527	-.2113
.650	-.3593	.0343	.0328	-.1571	-.4973
.775	-.1775	-.0157	-.0264	-.0275	-.3005

BETA (1) = 10.060 ALPHA (2) = .030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.8885	-.8814	.3023	-.0936	-.4220
.020	.5395	.0545	.0605	.2283	.0877
.050	.3751	.3032	.2517	.3087	.1814
.150	.2263	.1919	.2421	.1705	.0785
.300	.1059	.1013	.1718	.1195	.0276
.520	-.1100	-.0580	.0306	-.0650	-.2465
.650	-.3185	.0465	.0125	-.1585	-.4950
.775	-.1709	-.0122	-.0287	-.0412	-.3231

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9769	-.9538	.2382	-.0103	-.4868
.020	.5149	-.0844	-.1174	.1591	-.0386
.050	.3442	.2544	.1567	.2315	.0784
.150	.1997	.1676	.1780	.1231	.0079
.300	.0856	.0780	.1400	.0640	-.0314
.520	-.1122	-.0515	.0250	-.1009	-.2883
.650	-.3590	.0262	.0027	-.1617	-.5032
.775	-.1745	-.0398	-.0419	-.0737	-.3385

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0150	-1.0182	.1713	-.0458	-.5795
.020	.4852	-.1859	-.2750	.0817	-.1510
.050	.3141	.2020	.0475	.1508	-.0160
.150	.1732	.1389	.0874	.0855	-.0532
.300	.0742	.0663	.1029	.0164	-.1013
.520	-.1101	-.0469	.0135	-.1467	-.3387
.650	-.3579	.0111	-.0035	-.1726	-.5121
.775	-.1729	-.0075	-.0809	-.1092	-.3526

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (CA69)

PAGE 264

B26C9G15M7F8W116E26V8R5X9 RIGHT VERTICAL (R00R17)

SECTION (1) RIGHT VERTICAL DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1419	-1.0577	.1219	-.0631	-.6153
.020	-.4588	-.2457	-.3713	.0273	-.2136
.050	-.2842	.1465	-.0001	.1150	-.0634
.150	.1508	.1280	.0576	.0555	-.0981
.300	.0679	.0578	.0844	.0005	-.1243
.520	-.1218	-.0517	.0067	-.1557	-.3534
.650	-.3830	.0012	-.0081	-.1691	-.4965
.775	-.1724	-.0046	-.0833	-.1078	-.3515

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1148	-1.1499	.0852	-.0857	-.6443
.020	.3199	-.2983	-.4683	-.0131	-.2673
.050	.2094	.0495	-.0545	.1001	-.1058
.150	.1392	.1342	.0402	.0372	-.1172
.300	.0451	.0560	.0683	-.0189	-.1512
.520	-.1191	-.0457	.0027	-.1603	-.3627
.650	-.3835	-.0052	-.0064	-.1640	-.4664
.775	-.1759	.0023	-.0667	-.1164	-.3489

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 265

B25C901547F8116E26V8R5X9 LEFT UPPER WING

(R00003) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0400 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

SECTION (1) LEFT UPPER WING

BETA (1) = -10.050 ALPHA (1) = -2.980

DEPENDENT VARIABLE CP

Y/EM X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.3318	-.8043	-.4390	-.3478	-.5841	-.2074	-.2508
.020			.3073	.3856	.3318	.2383	.2058
.040				.1130	.1327	.0565	-.0236
.060		.2120	.0219				
.080	.0820						
.100				-.1503	-.1828	-.2907	-.1234
.120	.0865		-.0905				
.140		.0223					
.160	.1260			-.3147	-.3698	-.4052	-.4377
.180				-.2165	-.3012		-.3133
.200	-.1491		-.1679				
.220				-.1125	-.2030		
.240			-.0416				-.2878
.260	.0311					-.1213	
.280				-.0385	-.0898		
.300			.0035			.0324	-.0609
.320			-.0241	-.0696	-.0451		
.340	-.0041			-.0351	-.0200	-.0158	
.360			-.0409				
.380	-.0075						.0886
.400	-.0430						
.420			-.0184	-.0283			
.440			-.0315	-.0627	.0115	.2816	
.460	-.0138						

DATE 20 OCT 78

VARIABLED PRESSURE DATA FOR PLAD LSW TEST 711 (0669)

REFUGGFWTBM116E6V8RSX9 LEFT UPPER WING

(R000003)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) -10.070 ALPHA (2) = .020

Y/BW
Y CM

000	-.0725	.352	.405	.534	.673	.780	.887
020			-.0825	.0237	.0220	.3164	.1395
040			.1794	.1825	.1279	.1082	
060				-.1612	-.1642	-.2470	-.3200
080			-.1745				
100	.0607						
120			-.2174				
140	.0127						
160							
180							
200							
220							
240							
260							
280							
300							
320							
340							
360							
380							
400							
420							
440							
460							
480							
500							
520							
540							
560							
580							
600							
620							
640							
660							
680							
700							
720							
740							
760							
780							
800							
820							
840							
860							
880							
900							
920							
940							
960							
980							
1000							

BETA (1) -10.070 ALPHA (3) = 5.020

Y/BW
Y CM

000	.299	.352	.405	.534	.673	.780	.887
020							
040							
060							
080							
100							
120							
140							
160							
180							
200							
220							
240							
260							
280							
300							
320							
340							
360							
380							
400							
420							
440							
460							
480							
500							
520							
540							
560							
580							
600							
620							
640							
660							
680							
700							
720							
740							
760							
780							
800							
820							
840							
860							
880							
900							
920							
940							
960							
980							
1000							

DATE 22 OCT 75

826C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(R00003)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = -10.070 \quad \text{ALPHA} (3) = 5.020$$

BW	.299	.352	.405	.534	.673	.780	.887
CW		- .3480					
.240							
.250							
.358	-.0682			-.6731	-.8136	-.9144	-.9680
.400				-.3763	-.4944		-.6129
.431			-.2944				
.492	-.3374						
.550				-.1761	-.2770		
.574			-.1006				-.4721
.600						-.1738	
.650	.0129				-.1328		
.695							
.700				-.0511			
.725						-.0382	-.1318
.750			-.0351				
.763			-.0650	-.0503	-.0480		
.775							
.810				-.0338	-.0305	-.0537	
.831	.0249						
.850							
.858			-.0659				
.864	.0398						
.898	.0135						.0242
.900			-.0263	-.0178			
.905				.0290	.0058	.1898	
.950			-.0543				
.952							
.966	.0847						
BW	.299	.352	.405	.534	.673	.780	.887
CW							
.000	-.0444	-.6925	-.8531	-.3900	-.3709	-.2648	-.7707
.020			-.9158	-.17379	-2.1914	-2.2226	-2.6146
.050				-1.6879	-1.8363	-1.9511	-1.8442
.052			-.9571				
.080		-.4502					
.088	-.1424						
.150							
.195							
.240	-.2793	-.5650	-.7077	-1.0062	-1.2029	-1.5152	-1.0605
.250							
.358	-.2187			-.8581	-1.0488	-1.1619	-1.2293
.400				-.4199	-.5720		-.9476
.431			-.4050				
.492	-.5463						

$$\text{BETA} (1) = -10.060 \quad \text{ALPHA} (4) = 10.090$$

Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW	-.0444	-.6325	-.8531	-.3900	-.3709	-.2648	-.7707
.000			-.9158	-1.7379	-2.1914	-2.2226	-2.6146
.020				-1.6873	-1.8363	-1.9511	-1.8442
.050							
.052							
.080							
.088	-.1424	-.4502					
.150							
.195							
.222	-.2793		-.7077	-1.0062	-1.2029	-1.5152	-1.0605
.240		-.5650					
.250							
.358	-.2187			-.8581	-1.0488	-1.1619	-1.2293
.400							
.431							
.492							
	-.5463		-.4050	-.4199	-.5720		-.9476

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSW TEST 711 (0A69)

PAGE 268

82609615M7F8W1:6E26V8R5X9 LEFT UPPER WING (ROQU03)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (4) = 10.090

Y/BW X/CH	.29	.352	.405	.534	.673	.780	.827
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.938							
.900							
.905							
.920							
.952							
.955							
.1024							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.1313							
.9778							
-1.6515							
-1.3201							
-2.5248							
-3.2829							
-3.3516							
-2.1282							
-2.3491							
-2.4771							
-2.3382							
-1.1108							
-1.1159							
-1.1591							
-1.4798							
-1.7919							
-1.3355							
-1.7851							
-1.8112							
-1.0362							
-1.0841							
-1.2336							
-1.2906							
-1.4574							
-1.5109							
-1.8243							
-1.5236							
-1.2836							
-1.3368							
-1.7019							
-1.2894							
-1.3632							
-1.2501							

BETA (1) = -10.060 ALPHA (5) = 13.190

Y/BW X/CH
.000
.020
.050
.080
.100
.120
.140
.160
.180
.200
.220
.240
.260
.280
.300
.320
.340
.360
.380
.400
.420
.440
.460
.480
.500
.520
.540
.560
.580
.600
.620
.640
.660
.680
.700

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 259

SECTION (1) LEFT UPPER WING

B26C9G15M7F8W116E26V9R5X9 LEFT UPPER WING

(R00U03)

DEPENDENT VARIABLE CP

BETA (1) -10.060 ALPHA (5) = 13.190

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725				-.1858			
.750			-.2246			-.2643	-.2344
.763				-.1392	-.1910		
.775			-.1680				
.810							
.831	.0547						
.850			-.0352	-.1213	.1379	-.2315	
.858							
.864	.0690						
.899	.0553						
.900							
.905			.0521	-.1202			-.1688
.950				-.0411	.0009	-.3648	
.952			.0471				
.966	.1133						

BETA (1) -10.050 ALPHA (6) = 16.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.2159	-1.1225	-2.4273	-1.7385	-2.1303	-1.5106	-1.0752
.050			-1.4225	-3.1917	-4.3943	-4.5133	-5.2316
.052				-2.4890	-2.9503	-2.8560	-2.6775
.080			-1.1429				
.088	-.8228	-1.1010					
.150				-1.1286	-1.5090	-1.9265	-1.5052
.195			-.9942				
.222	-1.1828	-1.6298					
.240							
.250				-.8680	-.9280	-1.0701	-.9919
.358	-.7020			-.5905	-.6549		-.7201
.400			-.8941				
.431	-1.1910						
.492			-.9677	-.3489	-.5586		
.550							
.574							
.600							
.695	.0118					-.7703	-.4813
.700							
.725				-.2127			
.750						-.8011	-.3623
.763							
.775			-.4721	-.1856	-.3009		
.810			-.4662				
.831	.0529						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 270

826C9015M7FBW116E26V8R5X9 LEFT UPPER WING

(R03J03)

SECTION (1) LEFT UPPER WING

BETA (1) = -10.050 ALPHA (6) = 15.220

DEPENDENT VARIABLE CP	
Y/BW	X/CW
.850	.299
.858	.352
.864	.405
.898	.534
.900	.673
.905	.780
.950	.887
.952	-.1836
.965	-.1791
	-.2442
	-.7327
	-.1627
	-.1020
	-.0736
	.0331
	-.5977
	-.5773
	.1732

REFERENCE DATA				PARAMETRIC DATA			
SREF =	4.4120 SQ.FT.	XMRP =	33.9590 INCHES	ELEVON =	.000	RUDDER =	.000
LREF =	19.2300 INCHES	YMRP =	.0000 INCHES	BDFLAP =	-14.250	BETA =	.000
BREF =	37.9360 INCHES	ZMRP =	16.2000 INCHES				
SCALE =	.0435 SCALE						
SECTION (1) LEFT UPPER WING		DEPENDENT VARIABLE CP					
BETA (1) =	- .010	ALPHA (1) =	-2.950				
		Y/BW	X/CW	.534	.673	.780	.887
	.000	.299	.352	.405			
	.020	-.1095	-.6353	-.2869	-.5075	-.7974	-.2504
	.050			.1626	.2357	.1060	-.1061
	.052				.0229	.0044	-.0297
	.080		.1089	-.0604			-.1034
	.088	-.0147					
	.150			-.1756	-.2500	-.2859	-.0727
	.195	.0103	-.0386	-.1445			
	.240						
	.250	.0459		-.3452	-.3676	-.3841	-.3778
	.358			-.2717	-.3203		-.4255
	.400			-.2503			
	.431	-.2176					
	.492			-.1757	-.2362		
	.550			-.1307			
	.574						
	.600						
	.650	-.0534				-.1566	
	.695						
	.700						
	.725			-.1042		.0268	-.0492
	.750						
	.763			-.0642			
	.775			-.0760			
	.810						
	.831	-.0607		-.0752	-.0472	-.0193	
	.850						
	.858			-.0780			
	.854	-.0466					
	.839	-.0699					
	.900						
	.905			-.0524			.0822
	.950			-.0336			
	.952			.0475	.0150	.2899	
	.966	.0313		-.0426			

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 78 TABULATED PRESS OF DATA FOR MFLAD (SW TEST 711 10459)

SECTION 1 LEFT UPPER WING 22600150729115526/85/9 LEFT UPPER WING (R000004)

DEPENDENT VARIABLE CP

BETA (1) =	000	ALPHA (2) =	000	Y/BW	299	.352	.405	.534	.673	.780	.887
				000	- 0591	- .5329	- .1525	- .1957	- .1732	- .2829	- .0334
				000			- .0146	- .0218	- .0255	- .0840	- .1144
				000			- .2593	- .2442	- .12333	- .2853	- .3357
				000		.0278					
				000	- .0442			- .3465	- .4122	- .5042	- .2620
				000			- .2811				
				000	- 0630	- .1714					
				000				- .4780	- .5137	- .5422	- .5344
				000	- 0201			- 3399	- .4029		- .4420
				000			- .3102				
				000	- 2952		- .1559	- .2085	- .2587		- .2957
				000						- .1632	
				000	- 0710			- .1104	- .1513		
				000			- .0789			- .3011	- .0661
				000			- .0902	- .1146	- .0794		
				000	- .0636			- .0758	- .0507	- .0262	
				000			- .0809				
				000	- 0447			- .0521			.0788
				000	- .0648		- .0348	.0234	.0114	.2423	
				000			- .0562				
				000	.0141						
				000	.299	.352	.405	.534	.673	.780	.887
				000	- .1591	- .7181	- .5227	- .1015	.0555	.4335	- .2299
				000			- .5092	- .8146	- .8338	- .8591	- .8350
				000			- .5485	- .8771	- .8811	- .9426	- .9719
				000		- .2011					
				000	- .1490			- .5655	- .7536	- .9505	- .6493
				000			- .5271				
				000	- 2019						

BETA (1) = .000 ALPHA (3) = 5.030

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSAT TEST 711 (0A69)

B25C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(RDQU04)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 0.00 ALPHA (3) = 5.030

.299

.352

.405

.534

.673

.780

.887

-.6928

-.7826

-.8514

-.8915

-.5500

-.3864

-.2466

-.3133

-.2325

-.1800

-.3854

-.1145

-.1708

-.0584

-.1219

-.1581

-.0834

-.0821

-.1450

-.0890

-.0640

-.0528

-.1130

-.0363

-.0211

-.0073

.1573

-.0479

.0724

.299

.352

.405

.534

.673

.780

.887

-.7581

-.7329

-.5006

-1.0968

-1.8142

-2.2328

-2.3819

-2.8375

-1.5835

-1.6960

-1.8043

-1.7373

-.8402

-.6679

-.8736

-1.1716

-1.4306

-.9658

-.7830

-.7191

-2.0239

-.7131

-.9226

-1.0444

-1.1000

-.4753

-.4779

-.5084

-.6925

-.8149

-.5574

BETA (1) = .000 ALPHA (4) = 10.100

.299

.352

.405

.534

.673

.780

.887

-.7581

-.7329

-.5006

-1.0968

-1.8142

-2.2328

-2.3819

-2.8375

-1.5835

-1.6960

-1.8043

-1.7373

-.8402

-.6679

-.8736

-1.1716

-1.4306

-.9658

-.7830

-.7191

-2.0239

-.7131

-.9226

-1.0444

-1.1000

-.4753

-.4779

-.5084

-.6925

-.8149

-.5574

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 275

SECTION (1) LEFT UPPER WING

BETA (1) = .000 ALPHA (5) = 13.220

B2C09515W78BW116E26VBR5X9 LEFT UPPER WING

(R03J04)

DEPENDENT VARIABLE CP

Y/B4 X/CW	.299	.352	.405	.534	.673	.780	.887
.725				-.3034			
.750			-.2089			-.3641	-.2708
.763				-.3285	-.1686		
.775			-.2179				
.810							
.831	-.0448			-.2976	-.1280	-.2959	
.850			-.1420				
.858							
.894	-.0156			-.2548			-.2943
.898	-.0253		-.0482				
.900			-.0465	-.1402	-.0324	-.2857	
.905							
.950							
.952							
.956	.0724						
Y/B4 X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.4182	-1.2558	-2.0477	-1.8385	-2.5182	-2.3138	-1.9435
.020			-1.3449	-2.7076	-4.1436	-4.4993	-5.4552
.050				-1.7911	-2.5392	-2.7912	-2.5991
.052			-1.3941				
.080		-1.1610					
.088	-1.3845						
.150				-.9692	-1.4127	-1.7252	-1.3975
.195			-1.2510				
.222	-2.4457	-2.9232					
.240				-.8965	-.9378	-.9848	-.9469
.250				-.6606	-.8194		-.9787
.358	-1.2059						
.420			-1.5338				
.431							
.492	-.9235			-.4185	-.5569		
.550			-.8868				
.574							
.600							
.650	-.1330					-.7575	-.9046
.695							
.720				-.2974	-.1941		
.725							
.750			-.2531			-.7295	-.5048
.763				-.3163	-.0780		
.775			-.2737				
.810							
.831	-.0614						

GNIM B3ddn 1137 6A588A92391:M84LWS:060926

SECTION 1 LEFT UPPER WING

(R00004)

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (6) = 16.240$$
[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (04591)

PAGE 277

NPLAD0150780115E26V85X9 LEFT UPPER WING (RDOU05) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BRP = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) LEFT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = 10.050	ALPHA (1) = -2.970	Y/LW X/CW	.299	.352	.405	.534	.673	.780	.887
		.000	-.1274	-.4416	-.1942	-.6559	-.9835	-.2252	-.7076
		.020			.0461	.0921	-.0792	-.3835	-.3209
		.050				-.0587	-.0600	-.1168	-.2070
		.080		.0362	-.0935				
		.110	-.0672						
		.150			-.1664			-.3028	-.0977
		.195	-.0251						
		.240		-.0684					
		.290	.0050						
		.350				-.3464	-.3590	-.3691	-.3872
		.400				-.3064	-.3255		-.5442
		.431			-.2919				
		.492	-.2600			-.2228	-.2663		
		.550			-.1942				-.2831
		.574						-.1755	
		.600							
		.650	-.1084				-.1674		
		.695				-.1457		.0086	-.0793
		.700							
		.725			-.1093				
		.750				-.1563	-.0935		
		.763				-.1154			
		.775							
		.810	-.1025						
		.831				-.1071	-.0759	-.0396	
		.850							
		.858							
		.864	-.0798						
		.898	-.1033						.0433
		.900							
		.905				-.0704			
		.925							
		.950							
		.952				.0271	.0037	.2590	
		.955							
		.956	.0078						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 278

SECTION 1 LEFT UPPER WING

BETA (1) = 10.060 ALPHA (2) = .030

DEPENDENT VARIABLE CP

(R00005)

Y/BW X/CW	299	.352	.405	.534	.673	.780	.887
.000	-.1950	-.4276	-.2426	-.3399	-.2560	.3083	-.2393
.020			-.1571	-.1516	-.1670	-.3459	-.2995
.050				-.2974	-.3360	-.3376	-.3813
.080			-.2628				
.100	-.1327	-.0631					
.150			-.2926	-.3454	-.4176	-.4784	-.1736
.195	-.0944						
.240	-.1889						
.250				-.4576	-.4858	-.5001	-.4707
.358	-.0629			- .3569	-.3869		-.5778
.400			-.3364				
.431	-.3227			-.2549	-.2993		
.442			-.2288				
.550							-.2892
.574						-.1835	
.600	-.1374						
.650					-.1813		
.700			-.1399	-.1588		-.0011	-.0602
.725			-.1385	-.1505	-.1031		
.750							
.763							
.810	-.1186		-.1370	-.1291	-.0835	-.0367	
.831							
.850	-.0928						.0680
.864	-.1111		-.0815	-.0944			
.900			-.0931	-.0416	-.0080	.2804	
.905							
.920	-.0097						
.952							
.965							
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.2767	-.6132	-.7320	-.4758	-.1653	.3107	-.4628
.020			-.4631	-.8405	-.8995	-.9859	-.9686
.050				-.7657	-.8306	-.8689	-.9041
.080			-.5744				
.100	-.3171						
.150	-.5366			-.5222	-.7444	-.8522	-.4611
.195			-.5795				
.222	-.2733						

BETA (1) = 10.050 ALPHA (3) = 5.020

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

FILE REF: 77F8W116E26V8P5X9 LEFT UPPER WING

(RQQU05)

SECTION (1) LEFT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (3) = 5.020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.867
240		-.7292					
250				-.5630	-.6556	-.7098	-.6880
258	-.2155						
260				-.4581	-.4349		-.4895
271			-.5417				
282	-.4157						
290				-.2999	-.2847		
300			-.2770				
310						-.1717	-.31
320	-.11587				-.1945		
330				-.3011		-.0654	-.1027
340			-.1588				
350				-.2524	-.1354		
360			-.1416				
370							
380	-.1283			-.1976	-.1318	-.0801	
390			-.1298				
400	-.1055						-.0022
410	-.1158			-.1373			
420			-.0707	-.0287	-.0700	.0546	
430			-.0763				
440	-.0434						
450							
460	.299	.352	.405	.534	.673	.780	.867
470	-.3722	-.9785	-.11528	-.9578	-.10039	-.6961	-.13687
480			-.9130	-.13418	-.19881	-.23267	-.27747
490				-.8989	-.14542	-.15326	-.15324
500			-.9021				
510							
520	-.9487		-.6465				
530				-.7225	-.10123	-.11527	-.8106
540	-.9774	-.18771	-.10155				
550							
560	-.6307			-.8029	-.6506	-.7734	-.7943
570							
580				-.5503	-.5030		-.5655
590	-.5017		-.7607				

BETA (1) = 10.050 ALPHA (4) = 10.120

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.867
240							
250							
258							
260							
271							
282							
290							
300							
310							
320							
330							
340							
350							
360							
370							
380							
390							
400							
410							
420							
430							
440							
450							
460							
470							
480							
490							
500							
510							
520							
530							
540							
550							
560							
570							
580							
590							

DATE 22 OCT 75

*ABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A691)

PAGE 280

(R00005)

SECTION 1 LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (4) = 10.120

Y/BW X/CW	299	.352	.405	.534	.673	.780	.887
550							
574							
600							
650							
695							
720							
725							
750							
763							
775							
810							
831							
850							
888							
894							
908							
940							
945							
952							
942							

BETA (1) = 10.050 ALPHA (5) = 13.190

Y/BW X/CW	299	.352	.405	.534	.673	.780	.887
550							
574							
600							
650							
695							
720							
725							
750							
763							
775							
810							
831							
850							
888							
894							
908							
940							
945							
952							
942							

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(R00005)

SECTION (1) LEFT UPPER WING

BETA (1) = 10.050 ALPHA (5) = 13.190

DEPENDENT VARIABLE CP	Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW								
.725								
.750								
.763								
.775								
.810								
.831								
.850								
.859								
.864								
.838								
.900								
.905								
.950								
.952								
.966								

BETA (1) = 10.050 ALPHA (6) = 16.220

DEPENDENT VARIABLE CP	Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW								
.000								
.020								
.050								
.052								
.060								
.088								
.150								
.195								
.222								
.240								
.250								
.358								
.400								
.431								
.492								
.550								
.574								
.600								
.650								
.695								
.700								
.725								
.750								
.753								
.775								
.810								
.831								

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A59)

PAGE 283

BEEC9515M7F8M116E26V8R5X9 LEFT UPPER WING

(R00006) (03 OCT 75)

REFERENCE DATA

SPREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = 0000 INCHES
 BRPF = 37.9360 INCHES ZMRP = 15.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) LEFT UPPER WING

BETA (1) = -10.060 ALPHA (1) = -2.980

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.3572	-.8723	-.5630	-.4799	-.9949	-.6516	-.0865
.020			.3282	.7305	.3658	.2376	.0820
.050				.2111	.2311	.2035	.1368
.052			.0839				
.080		.2239					
.098				-.0587	-.1313	-.1181	.0168
.150			.1394				
.195							
.222	87.9999	.0724					
.240				-.1815	-.1903	-.2002	-.2077
.260	.1437			-.0470	-.0903		-.0945
.308			-.0272				
.400	-.0764			.1294	.0988		
.431			.1761				
.482							.2103
.550						.3179	
.600	.3116						
.650				.3753			
.700							
.725							
.750			.3922			.4141	.3077
.763			.3820	.4050	.3901		
.775							
.810							
.831	.3501						
.850							
.868			.2574	.2909	.2587	.2381	
.884	.2729						
.898	.2113						
.900							
.905			.1881	.1705			.1476
.950							
.952			.1122	.1974	.1241	.3134	
.955	.0226						

CASE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)
B26C9G15M7F8J116E26V8R5X9 LEFT UPPER WING

PAGE 284

SECTION 1 LEFT UPPER WING

BETA (1) = -10.070 ALPHA (2) = .020

DEPENDENT VARIABLE CP

(RDQU06)

Y/BW X/CW	299	.352	.405	.534	.673	.780	.887
000	-.0837	-.5013	-.1339	-.0554	-.2444	.0288	.1947
020			.2059	.2821	.2721	.1831	.1692
050				-.0329	.0037	-.0290	-.0667
080				-.0975			
099	.0516	.1625					
150			.0390	-.2336	-.3172	-.3181	-.1606
185	.0371						
222		-.0511					
250	.0805			-.3068	-.3405	-.3589	-.3502
358				-.1056	-.1720		-.1789
400			-.0749				
431	-.1452			.1110	.0710		
492			.1633				.1953
550						.3025	
574							
600	.2906			.3479	.3715		
655						.3990	.3057
700			.3415				
725				.3739	.3795		
750			.3460				
785							
810	.3529			.2843	.2596	.2390	
831			.2504				
850	.3000						
858	.2308			.1718			.1694
864			.1850	.1621	.1260	.3038	
898			.1156				
900	.0999						
925				.534	.673	.780	.887
950	.299	.352	.405	.2317	.4363	.5762	.194
952	.0642	-.4122	-.0162	-.3797	-.3657	-.2820	-.1947
965			-.2042	-.6418	-.5772	-.6286	-.6091
985			-.4591				
089		-.0488					
150	-.0105			-.5268	-.6905	-.7190	-.5112
185			-.1463				
222	- .0936						

BETA (1) = -10.070 ALPHA (3) = 5.020

Y/BW X/CW	299	.352	.405	.534	.673	.780	.887
000							
020							
050							
080							
099							
150							
185							
222							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NOLAD LSMT TEST 711 (OAS9)

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SECTION (1) LEFT UPPER WING

BETA (1) = -10.070 ALPHA (3) = 5.020

B26C9315MTF8W115E26V8R5X9 LEFT UPPER WING

(R00006)

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.340							
.250							
.358							
.400							
.431							
.432							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.752							
.753							
.775							
.810							
.831							
.850							
.858							
.864							
.909							
.910							
.925							
.930							
.950							
.952							
.966							
.299	.299	.352	.405	.534	.673	.780	.887
.0425	-.0425	-.6472	-.6416	-.2025	.0248	.1714	-.3981
.050			-.7711	-.1381	-.16048	-.16033	-.15907
.052				-.14416	-.14506	-.15015	-.13513
.050				-.8447			
.068							
.150							
.135							
.222							
.240							
.250							
.359							
.400							
.431							
.492							
.1264	-.1264						
.2337	-.2337						
.1796	-.1796						
.2308	-.2308						
.4525	-.4525						
.3951							
.4479							
.8450	-.8450						
.1325	-.1325						
.1961	-.1961						
.7696							
.7018	-.7018						
.8325	-.8325						
.8919	-.8919						
.8797							
.2118	-.2118						
.3028	-.3028						
.4370							

SECTION, LEFT UPPER WING

B26C99:5~7F8W1:6E26V8R5X9 LEFT UPPER WING

(900000)

$$\beta_A(1) = -10.060 \quad \alpha_A(4) = 10.090$$

DEPENDENT VARIABLE CP

Y	Y
X	X

3

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2
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DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

326C9G15M7FBW116E26V8R5X9 LEFT UPPER WING (R0QU06)

SECTION (1) LEFT UPPER WING

BETA (1) = -10.060 ALPHA (5) = 13.190

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750				.1657			
.763			.0735			-.0214	-.0463
.775			.1597	.2073	.0507		
.810	.4354						
.831				.1339	.1109	-.0914	
.850			.1940				
.859	.3231						
.864	.2940						
.878				.0575			.0241
.900			.2102				
.905			.1715	.0879	.1826	-.2494	
.950							
.952	.2043						
.966							

BETA (1) = -10.050 ALPHA (6) = 16.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.900	-.2104	-1.0606	-2.1105	-1.4167	-1.5548	-1.3064	-1.6396
.920			-1.2989	-2.8371	-3.5765	-3.7183	-3.8531
.950				-2.3123	-2.6050	-2.5466	-2.1557
.952				-1.0563			
.980	-.7040	-.9590					
.983							
.990							
.995							
.222	-1.0807	-1.3518	-.8077	-.9133	-1.3714	-1.4739	-.9706
.240							
.250							
.358	-.6511			-.7145	-.7016	-.7763	-.6694
.400				-.4344	-.4109		-.3598
.431							
.432	-1.0579			-.6169			
.500							
.574				-.2038	-.2713		
.590				-.5921			
.600							
.650							
.695	.2570					-.4946	-.4692
.700							
.725				.0091	-.0978		
.750							
.763							
.775				-.1133		-.5171	-.7101
.810				.0236	-.0352		
.831	.4439			-.0582			

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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B26C9G15M7F8W116E26VAR5X9 LEFT UPPER WING

(R000006)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.050 ALPHA (5) = 16.220

.299	.352	.405	.534	.673	.780	.987
X/CW						
.850						
.858						
.864						
.898						
.900						
.905						
.950						
.952						
.955						
.2860	.0057	.0173	-.0763	.1492	-.5033	-.2532

(RQQU07) (03 OCT '75)

025C9G15M7FBW115E26VBR5X9 LEFT UPPER WING

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

SECTION 1 LEFT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950

Y/BW	X/BW	.299	.352	.405	.534	.673	.780	.887
.000	.000	-.1256	-.6765	-.3475	-.6165	-1.1631	-.7193	-.2105
.020	.020			.1930	.2278	.1290	-.0892	-.3040
.050	.050				.1015	.1069	.0726	-.0066
.080	.080		.1215	-.0015				
.100	.100	-.0135			-.0715	-.1690	-.1245	.0050
.120	.120			.0828				
.140	.140	.0323	.0085					
.160	.160				-.2128	-.2079	-.2011	-.2086
.180	.180	.0645			-.1051	-.1159		-.1389
.200	.200			-.1024				
.220	.220	-.1427		.0979	.0684	.0525		.1044
.240	.240						.2870	
.260	.260	.2465				.3324		
.280	.280				.3355		.3823	.2302
.300	.300			.3568		.3742	.3415	
.320	.320			.3372				
.340	.340	.2998			.2606	.2183	.1923	
.360	.360			.2314				
.380	.380	.2327						.0571
.400	.400	.1790		.1746	.1488			
.420	.420			.1259	.1883	.1485	.2881	
.440	.440	.0801						
.460	.460							
.480	.480							
.500	.500							
.520	.520							
.540	.540							
.560	.560							
.580	.580							
.600	.600							
.620	.620							
.640	.640							
.660	.660							
.680	.680							
.700	.700							
.720	.720							
.740	.740							
.760	.760							
.780	.780							
.800	.800							
.820	.820							
.840	.840							
.860	.860							
.880	.880							
.900	.900							
.920	.920							
.940	.940							
.960	.960							

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DATE 22 OCT 75
TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (QA69)

026C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

SECTION () LEFT UPPER WING

(R00007)

BETA (1) = .000 ALPHA (2) = .050

Y/BM X/CH
0.00
0.020
0.050
0.052
0.080
0.098
0.150
0.195
0.222
0.240
0.280
0.358
0.400
0.431
0.492
0.550
0.574
0.600
0.650
0.635
0.700
0.725
0.750
0.763
0.775
0.810
0.831
0.850
0.858
0.898
0.900
0.905
0.950
0.952
0.965

.299	.352	.405	.534	.673	.780	.887
- .0590	-.5503	-.1546 .0492	-.2800 .0931 -.1353	-.4282 .0518 -.1066	-.0171 -.0790 -.1284	.0752 -.1074 -.1704
	.0541	-.1823				
-.0404		-.0299	-.2292	-.3343	-.3122	-.1326
-.0346	-.1122		-.3352	-.3359	-.3402	-.3190
.0044		-.1514	-.1578	-.1622		-.1970
-.2165		.0843	.0458	.0289	.2761	.1312
.2189			.3008	.3224	.3770	.2427
		.2861	.3313	.3295		
.2961		.2891	.2532	.2275	.2077	
		.2257				
.2440			.1505			.0965
.1945		.1743	.1864	.1551	.3034	
		.1198				
.0975						

BETA (1) = .000 ALPHA (3) = 5.030

Y/B/A	M8/A	X/C/X
222	235	235
135	151	151
637	637	637
250	250	250
050	050	050
020	020	020
000	000	000

.299	.352	.405	.534	.673	.780	.887
-.1628	-.6912	-.3910	-.0608	.2304	.5094	-.0449
		-.4118	-.5426	-.5060	-.4846	-.3928
			-.7092	-.6778	-.6868	-.6870
	-.1573	-.5599				
-.1399			-.5225	-.6758	-.6895	-.4498
.1686		-.2428				

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

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B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING (R000U07)

SECTION 1 LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (4) = 10.100

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700	.2040					.0268	.0455
.705							
.750							
.753							
.775							
.810							
.811	.3471						
.812							
.854							
.859	.2575						
.900	.2305						
.905							
.950							
.952							
.955	.1741						
.956							
.957							
.958							
.959							
.960							
.961							
.962							
.963							
.964							
.965							
.966							
.967							
.968							
.969							
.970							
.971							
.972							
.973							
.974							
.975							
.976							
.977							
.978							
.979							
.980							
.981							
.982							
.983							
.984							
.985							
.986							
.987							
.988							
.989							
.990							
.991							
.992							
.993							
.994							
.995							
.996							
.997							
.998							
.999							
1.000							

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.705							
.750							
.753							
.775							
.810							
.811							
.812							
.854							
.859							
.900							
.905							
.950							
.952							
.955							
.956							
.957							
.958							
.959							
.960							
.961							
.962							
.963							
.964							
.965							
.966							
.967							
.968							
.969							
.970							
.971							
.972							
.973							
.974							
.975							
.976							
.977							
.978							
.979							
.980							
.981							
.982							
.983							
.984							
.985							
.986							
.987							
.988							
.989							
.990							
.991							
.992							
.993							
.994							
.995							
.996							
.997							
.998							
.999							
1.000							

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NPLAD LSW TEST 711 (0A59)

B2C09015W7F8H11E26V8R5X9 LEFT UPPER WING

(RDOU07)

SECTION 1 LEFT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/BW	.299	.352	.405	.534	.673	.780	.887
.725				.0636			
.750			.0864			-.1768	-.2395
.775			.1491	.0960			
.810	.3753						
.831				-.0239	.1429	-.0339	
.850	.2808		.1514				
.868	.2585						
.880				-.0554			-.0602
.905			.1500				
.920			.1145	-.0163	.1917	-.1597	
.942	.2316						

BETA (1) = .000 ALPHA (5) = 16.240

Y/BW X/BW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.775							
.810							
.831							
.850							
.868							
.880							
.905							
.920							
.942							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0469)

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B26C9315N 78W116E26V8R5X9 LEFT UPPER WING

(R0QU08) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

ELEVON = -20.000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

PARAMETRIC DATA

DEPENDENT VARIABLE CP

SECTION (1) LEFT UPPER WING

BETA (1) = 10.050 ALPHA (1) = -2.970

Y/BW
X/CW

.000	.299	.352	.405	.534	.673	.780	.887
.020	-.1307	-.4424	-.1890	-.7571	-1.3424	-.7061	-.2460
.050			.0939	.1448	-.1003	-.4192	-.6396
.052				87.9999	87.9999	87.9999	87.9999
.080				87.9999			
.088	-.0646	.0541					
.150				-.0985	-.2033	-.1504	-.0337
.195							
.222	-.0003		.0377				
.240		-.0196					
.250				-.2215	-.2125	-.2120	-.3476
.358	87.9999			-.1423	-.1437		-.1688
.400							
.431	-.1808		-.1488				
.492				.0291	.0253		.0328
.550			.0478			.2475	
.574							
.600							
.650	.2206				.3031		
.695							
.700							
.745				.3148			
.750							
.763			.3546			.3166	.1763
.775			.3299		.3672	.3331	
.810							
.831	.2843			.2598	.2148	.1839	
.850			.2197				
.858							
.864	.2156						.0139
.838	.1597						
.900				.1554			
.905			.1722				
.950				.2048	.1764	.1930	
.952			.1237				
.966	.0544						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 296

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(RDQU08)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.060 ALPHA (2) = .030

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.1957	-.4173	-.1810	-.3977	-.3849	.0413	.0438
.050			-.0852	-.0460	-.1036	-.3110	-.3343
.062				-.1924	-.2033	-.1993	-.2338
.080		-.0351					
.088	-.1200						
.150							
.195			-.1221				
.222	-.0646			-.2307	-.3535	-.3032	-.1026
.240		-.1319					
.250							
.358	-.0382			-.3176	-.3180	-.3182	-.3621
.400				-.1846	-.1976		-.2094
.431			-.1905				
.492	-.2400						
.550				.0133	.0072		
.574			.0100				.0571
.600						.2486	
.650	.1704						
.695					.2579		
.700				.2114			
.725							
.750			.2784			.3322	.2071
.763				.2570	.2816		
.775			.2653				
.810							
.831	.2578		.1795	.1949	.1916	.1711	
.850							
.858							
.864	.1953						.0520
.898	.1493						
.900							
.905			.1515	.1247			
.950			.1005	.1349	.1525	.2280	
.952							
.956	.0722						
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.2794	-.5919	-.5682	-.3915	.0318	.4584	-.1462
.050			-.3619	-.6056	-.5676	-.6192	-.5793
.052				-.6314	-.6502	-.6536	-.6597
.080			-.4773				
.088		-.2581					
.150	-.4898						
.195							
.222	-.2162		-.3963	-.3869	-.5835	-.5847	-.2995

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 297

B26C9315M7F8W116E26V8R5X9 LEFT UPPER WING

(RQQU08)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (3) = 5.020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240		-.5637					
.250				-.4096	-.4644	-.5079	-.4804
.358	-.1765						
.400				-.2541	-.1983		-.2387
.431			-.3601				
.492	-.3337						
.550			-.0551	-.0489	.0058		
.574							
.600							.0806
.650		.1296				.1001	
.695					.0912		
.700				.0853		.1393	.2113
.725			.2521				
.750			.2457	.1448	.1361		
.763							
.775							
.810	.2168			.1074	.1416	.1232	
.850			.1741				
.858							
.864	.1497			.0861			.0881
.899	.1297						
.900			.1474				
.905				.1258	.1322	.1062	
.950			.0951				
.952							
.966	.0799						
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.3856	-.9391	-1.0037	-.7632	-.5021	-.0823	-.7811
.050			-.7650	-1.0666	-1.4141	-1.5385	-1.5101
.052				-.7803	-1.2128	-1.2423	-1.1879
.080			-.7971				
.098		-.5655					
.150	-.8994						
.195			-.8356	-.5658	-.7057	-.7994	-.5106
.222							
.240	-.8454	-1.6225					
.250							
.358	-.5449			-.6204	-.4560	-.5240	-.5176
.400							
.431				-.3572	-.2677		-.1554
.492	-.4072		-.5664				

BETA (1) = 10.050 ALPHA (4) = 10.120

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 299

SECTION (1) LEFT UPPER WING

BETA (1) = 10.050 ALPHA (5) = 13.190

B26C9G15M7F8M16E26V0R5X9 LEFT UPPER WING

DEPENDENT VARIABLE CP

(R00008)

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.859							
.864							
.898							
.900							
.905							
.950							
.952							
.965							

BETA (1) = 10.050 ALPHA (5) = 16.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.090							
.098							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.675							
.720							
.725							
.750							
.763							
.775							
.810							
.831							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (QA69)

PAGE 300

B26C9G15M7F8W:16E26V8R5X9 LEFT UPPER WING

(R0908)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (6) = 16.220$$

Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW							
.850							
.858							
.864			.1584				
.1552							
.1788							
.898				- .1219	- .0638	.0539	
.900							
.905			.1637	- .0578			.1971
.950							
.952				.0498	- .0903	.0699	
.966			.1184				
			.1418				

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9350 INCHES ZMRP = 15.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) LEFT UPPER WING

BETA (1) = -10.050 ALPHA (1) = -2.980

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.3678	-.8888	-.6549	-.5789	-1.1788	-.8726	-.1328
.040			.3541	.4241	.3675	.2269	-.0124
.060				.2717	.2978	.2696	.2361
.080			.1309				
.100		.2383					
.120							
.140	.0861			.0236	-.0150	.0288	.2047
.160			.0442				
.180	.1273						
.200		.1089					
.220							
.240	.1582			-.0588	-.0309	-.0073	-.0029
.260				.1023	.0735		.0951
.280			.0966				
.300	-.0035			.3250	.3072		
.320			.3588				
.340						.5522	.5130
.360							
.380	.4122			.4666	.5450		
.400						.6381	.5858
.420			.4391				
.440			.4656	.4800	.6600		
.460							
.480	.4664			.5332	.5288	.4511	
.500			.5194				
.520							
.540	.4599						
.560	.4029						
.580							
.600			.4546	.4125			.2626
.620				.3093	.1975	.3775	
.640			.2906				
.660							
.680	-.1099						
.700							

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = -10.000

DATE 22 OCT 75

0086C9015M7F8W1:6E26V8R5X9 LEFT UPPER WING

SECTION () LEFT UPPER WING

$$\text{BETA} (1) = -10.070 \quad \text{ALPHA} (3) = 5.020$$

DEPENDENT VARIABLE CP

NYC / X
Y / B.7

[illegible]
$$\beta(1) = -10.063 \quad \alpha(4) = 10.090$$

2.9/2

- .0382	-.6239	-.6160	-.1733	.1390	.2803	-.1412
		-.7325	-1.3023	-1.4371	-1.3606	-1.2008
			-1.3081	-1.2576	-1.2677	-1.1158
		-.7894				
-.3666						
-.1200		-.5293	-.7483	-1.0005	-.9999	-.5002
-.2127						
	-.4650		-.5478	-.6150	-.6211	-.5392
-.1632			-.0407	-.0550		.0190
		-.0950				
-.3903						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

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B26C9G15W7F8W116E26V8R5X9 LEFT UPPER WING

(R00U09)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (4) = 10.090

Y/8W X/CW	.299	.352	.405	.534	.673	.780	.887
.550			.0603				
.574							
.600							
.650							.2258
.695	.5116					.1979	
.700							
.725				.2054	.1728		
.750							
.763			.2437	.1964	.2294	.0142	.2066
.775			.2648				
.810	.7255			.3297	.2907	.1645	
.850			.2938				
.899	.5600						
.938	.4597			.2825			.0058
.950			.2741	.2146	.1736	.1657	
.952			.1468				
.965	-.1867						
Y/8W X/CW	.299	.352	.405	.534	.673	.780	.887
.900	-.1226	-.8914	-1.3556	-.7268	-.5562	-.3369	-.7697
.920			-1.1035	-2.0180	-2.4134	-2.3031	-2.3490
.950				-1.7374	-1.7979	-1.7115	-1.3735
.952				-.9587			
.963							
.969	-.2010	-.4188					
.150							
.195			-.6107				
.222	-.4165	-.6739					
.240							
.250				-.5721	-.6415	-.6287	-.3941
.358	-.3309			-.1869	-.1208		-.0250
.400							
.431	-.6463		-.2659				
.492				.0347	.1015		
.550			-.2232				
.574							
.600							
.650							
.695	.4624					-.0443	-.0769
.700						-.0164	

BETA (1) = -10.060 ALPHA (5) = 13.190

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A60)

PAGE 305

B25C9315M7F8W116E26V8R5X9 LEFT UPPER WING

(R00009)

SECTION 1 LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA () = -10.050 ALPHA (6) = 15 220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.850							
.858			.1315	.1189	.1037	-.4415	
.864	.6072						
.898	.5541			.0587			-.4336
.902			.1356				
.905							
.950			.0475	.0659	.1423	-.5468	
.952							
.966	-.1572						

REFERENCE DATA PARAMETRIC DATA

SPEC = 4.120 SQ FT WARP = 33 9580 INCHES ELEVON = -40.000 RUDDER = .000
 LREF = 19.230 INCHES WARP = 33 9580 INCHES 90FLAP = -14.250 BETA = .000
 BREF = 37 9360 INCHES WARP = 33 9580 INCHES
 SCALE = 0.450 SCALE

SECTION 1 LEFT UPPER WING	DEPENDENT VARIABLE CP	Y BW	Y CW
BETA = 10.0 - 010 ALPHA = 10.0 - 2.950			
	.299	.352	.405
	-.1293	-.6762	-.7427
			-.9836
			-.2748
			-.0557
			-.1222
			-.1614
			-.2500
			-.0517
	-.0080	.1374	
			.0104
			-.0336
			-.0031
			.1547
	.0521	.0473	
			-.0843
	.0797		-.0282
			-.1102
			.0439
			.0533
			.0433
	-.0610		
			.0236
			.2719
			.2944
			.2904
	.3906		
			.4343
			.4381
			.4277
			.4967
			.4781
			.4205
			.4317
			.4604
	.4951		
			.4955
			.4597
			.4308
	.4740		
	.4056		
			.3887
			.2118
			.4196
			.2446
			.1752
			.2616
			.2639
	-.1556		

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A59)

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B26C9G15M7FBM116E26V8R5X9 LEFT UPPER WING

(RDQU10)

DEPENDENT VARIABLE CP

SECTION (1) LEFT UPPER WING

BETA (1) = .000	ALPHA (5) = 13.220	Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
		.725				-.1341			
		.750						-.2601	-.3963
		.763			.2002				
		.775			.2338		.0107		
		.810							
		.831	.6623			.1199	.1617	-.1443	
		.850			.3928				
		.858							
		.874	.5742						
		.898	.4898			.0726			-.2264
		.900			.3664				
		.905				.0125	.2072	-.3276	
		.950			.2539				
		.952							
		.966	-.2133						
BETA (1) = .000	ALPHA (6) = 16.240	Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
		.000							
		.020	-.4242	-1.1593	-1.8194	-1.4553	-1.6588	-1.3529	-1.8289
		.050			-1.1121	-2.1437	-2.8706	-3.1255	-3.3149
		.052				-1.3909	-1.8455	-1.9464	-1.6034
		.059			-1.1724				
		.088	-1.2596	-1.0011					
		.150				-.7345	-.7982	-.9402	-.6039
		.195			-1.0390				
		.222	-2.1386	-2.5022					
		.240				-.6126	-.5133	-.4776	-.3370
		.250	-1.0603			-.3627	-.3977		-.2791
		.358			-1.2650				
		.400							
		.431	-.7658			-.0913	-.1964		
		.492							
		.550			-.4916				
		.574							
		.600							
		.650							
		.695	.2775						
		.700							
		.725				-.3642	-.0651		
		.750							
		.763			.2133			-.5889	-.6824
		.775							
		.810				-.4639	-.0066		
		.831	.5529						

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TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B26C9G15M7F8W115E26V8R5X9 LEFT UPPER WING (RDQU10)

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (6) = 16.240

Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW							
.850							
.858							
.864							
.898	.5236			- .0824	.1995	- .3846	
920	.4625		.4241				
.905							
.953			.3963	- .1414			- .4393
.963							
.			.2744	- .1272	.1712	- .4618	
.							
.	- .3143						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A59)

PAGE 313

B25C3015M7F8X116E25V8R5Y9 LEFT UPPER WING

(R00U11) (J3 OCT 75)

REFERENCE DATA

SPREF = 4.4120 SQ.FT. XMRP = 33.9593 INCHES
 CPREF = 19.2300 INCHES YMRP = .0000 INCHES
 BRPF = 37.2300 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) LEFT UPPER WING

BETA (1) = 10.050 ALPHA (1) = -2.970

DEPENDENT VARIABLE CP

Y/BW
X/BW

.000	.299	.352	.405	.534	.673	.780	.887
.020	-.1262	-.4291	-.2394	-.9904	-1.5912	-1.0010	-.3880
.050			.1273	.1736	-.2104	-.5032	-.7621
.080			.0035	.0871	.1429	.0230	-.0290
.100							
.150	-.0597	.0726					
.200							
.250							
.300							
.350							
.400							
.450							
.500							
.550							
.600							
.650							
.700							
.750							
.800							
.850							
.900							
.950							
1.000							

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A59)

PAGE 314

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING (RDOU11)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (2) = 030

Y/BW
X/CW

.000	.299	.352	.405	.534	.673	.780	.887
.020	- .1893	-.3974	-.1697	-.4738	-.6808	-.1040	.2094
.040			-.0405	-.0139	-.0675	-.4104	-.3433
.060				-.0962	-.0660	-.0743	-.1496
.080							
.100							
.120							
.140							
.160							
.180							
.200							
.220							
.240							
.260							
.280							
.300							
.320							
.340							
.360							
.380							
.400							
.420							
.440							
.460							
.480							
.500							
.520							
.540							
.560							
.580							
.600							
.620							
.640							
.660							
.680							
.700							
.720							
.740							
.760							
.780							
.800							
.820							
.840							
.860							
.880							
.900							
.920							
.940							
.960							
.980							
.1000							

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

BETA (1) = 10.050 ALPHA (3) = 5.020

Y/BW
X/CW

.000	.299	.352	.405	.534	.673	.780	.887
.020	- .2763	-.5633	-.5269	-.3977	.0435	.4965	.2100
.040			-.3100	-.4981	-.4329	-.3826	-.4437
.060				-.5038	-.4844	-.4547	-.4183
.080							
.100							
.120							
.140							
.160							
.180							
.200							
.220							
.240							
.260							
.280							
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.800							
.820							
.840							
.860							
.880							
.900							
.920							
.940							
.960							
.980							
.1000							

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD 3WT TEST 711 (0A69)

B26C9G15M7F8W116E26V6R5X9 LEFT UPPER WING (R00U11)

SECTION (1) LEFT UPPER WING

BETA (1) = 10.050 ALPHA (3) = 5.020

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.854							
.839							
.900							
.905							
.950							
.952							
.966							
.1878							
.299		.352	.405	.534	.673	.780	.887
.000	-.3752	-.8972	-.9491	-.7242	-.4243	.0645	-.5453
.020			-.7114	-.9472	-1.2060	-1.2866	-1.1695
.050				-.6319	-.9419	-.9385	-.8626
.052			-.7040				
.080		-.5273					
.053	-.8801						
.150							
.195			-.8035				
.222							
.240	-1.5566						
.250							
.358	-.5126						
.400							
.431							
.492	-.3254						

DATE OF CORRECTION REGULATED PRESSURE DATA FOR NR-AD LSW TEST 711 (QA59)

REGULATED PRESSURE DATA FOR NR-AD LSW TEST 711 (0459)

RD505015M7F8W:16E26V3P5X9 LEFT UPPER WING (RDCU11)

DEPENDENT VARIABLE CP

BEA '11 = 1055 ALPHA '5) = 13 '90

299	.352	.405	.534	.673	.780	.887
750		.309	-.3540		-.2287	-.5124
755		.3031	-.0874	-.1676		
810						
831	.2618					
833		.5455	.2352	-.0101	-.0351	
857	.2655					
860	.2292		.3097			-.1143
860		.5009				
865			.3390	-.0943	-.2927	
866		.3511				
866	-.3004					

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (6) = 15.220$$

200	.352	.405	.53+	.673	.780	.887
-1.5939	-1.2339	-1.4739	-1.3517	-1.7496	-1.3860	-1.7924
0.0000	-1.1983	-1.1983	-1.1216	-2.3162	-2.8850	-3.1332
0.0000			-1.7871	-1.4237	-1.5417	-1.2755
0.0000		-1.1151				
0.0000		-1.9076				
0.0000	-1.4499					
0.0000			-1.2720	-1.7483	-1.6820	-1.5213
0.0000	-1.8326					
0.0000		-2.6031				
0.0000	-1.1907					
0.0000			-1.6680	-1.5208	-1.6509	-1.5594
0.0000			-1.5167	-1.1602		-1.5416
0.0000		-1.8442				
0.0000	-1.5134					
0.0000			-1.4824	-1.0129		
0.0000		-1.1785				
0.0000					.0893	
0.0000	13+2					
0.0000				-1.3093		
0.0000			-1.4417			
0.0000		.2476			.0183	-1.2058
0.0000			-1.2312	-1.2404		
0.0000		.2959				

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 318

B26C9G15M7F8W116E26Y8R5X9 LEFT UPPER WING

(R00U11)

SECTION (1) LEFT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (6) = 16 220	Y/EM	299	.352	.405	.534	.673	.780	.887
	X/CM				.1035	-.0442	-.0547	
	.850			.4630				
	.878							
	.864	.2384						
	.898	.2687						
	.910			.4354	.1816			.1543
	.915				.2284	-.0800	-.3411	
	.913			.3151				
	.922							
	.945	-.3200						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 319

8300015M7FB4116E26V8RSX9 LEFT UPPER WING

(RDQU12) (03 OCT 75)

REFERENCE DATA

SREF = 4.420 SQ. FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = 0.000 INCHES
 BREF = 37.3350 INCHES ZMRP = 16.0000 INCHES
 SCALE = 0.005 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION 1 LEFT UPPER WING

BE A (1) = -12.000 A, PMA (1) = -2.980

Y B4
X/C4

.000	.299	.352	.405	.534	.673	.780	.887
.020	-.3318	-.8043	-.4390	-.3478	-.5841	-.2074	-.2608
.050			.3072	.3856	.3318	.2383	.2058
.080				.1130	.1327	.0565	-.0236
.100		.2120	.0219				
.120	.0800			-.1603	-.1828	-.2907	-.1234
.140	.1155		-.0905				
.160	.1222	.0223					
.180	.1240			-.3147	-.3698	-.4052	-.4377
.200	.1260			-.2165	-.3012		-.3133
.220	.1280		-.1579				
.240	.1311			-.1125	-.2030		-.2878
.260						-.1213	
.280	.0311			-.0385	-.0898	.0324	-.0609
.300			-.0075				
.320			-.0363	-.0696	-.0451		
.340							
.360	-.0099			-.0351	-.0200	-.0158	
.380			-.0104				
.400							.0886
.420	-.0460		-.0204	-.0283			
.440	-.0127			.0627	.0115	.2816	
.460			-.0552				
.480							
.500							
.520							
.540							
.560							
.580							
.600							
.620							
.640							
.660							
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.800							
.820							
.840							
.860							
.880							
.900							
.920							
.940							
.960							
.980							
.000							

REPRODUCIBILITY OF THE
 ORIGINAL DATA IS THE
 SAME

GUIN 83dd.1 1337:1, NO:1035

BETA (1) = -10.079 ALPHA (2) = .029

CONFIDENTIAL: VAP. ABLE CP

825090157FBW:15526VBR5X9 LEFT UPPER WING

(RDOU12)

[illegible]

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

B2609015W7F8W116E26V8R5X9 LEFT UPPER WING (ROQU12)

SECTION 1 LEFT UPPER WING DEPENDENT VARIABLE CP

BETA (1) -10.070 ALPHA (3) - 5.000

240		-1.3480						
250								
350		-1.0682						
400								
431								
492		-1.3374						
550								
577								
600								
630								
655		-1.0129						
680								
725								
750								
783								
805								
831								
850								
858								
864								
893								
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[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (OAS9)

PAGE 324

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(R00012)

SECTION () LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.050 ALPHA (5) = 16.220

Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW							
.850							
.858							
.864							
.898	.0411						
.900	.0697						
.905							
.950			.0286	-.1627			
.952			.0642	-.0736	.0331	-.5977	
.966	.0446						-.5773

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)
B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WINGPAGE 325
(R02U13) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) LEFT UPPER WING

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

Y/BW X/CM	.299	.352	.405	.534	.673	.780	.887
.000	-.1095	-.6353	-.2869	-.5075	-.7974	-.2504	-.5347
.020			.1626	.2357	.1060	-.1061	-.0904
.050				.0229	.0044	-.0297	-.1034
.080		.1089		-.0604			
.150	-.0147						
.195			-.1445				
.222	.0103	-.0386					
.240							
.250	.0459			-.3452	-.3676	-.3841	-.3778
.358				-.2717	-.3203		-.4255
.400			-.2503				
.431	-.2176			-.1757	-.2362		
.492			-.1307				
.550							
.574							
.600							
.650	-.0534					-.1566	-.2692
.695					-.1366		
.700							
.725				-.1042		.0268	-.0492
.750			-.0763				
.763			-.0977	-.1218	-.0753		
.775							
.810	-.0541						
.831				-.0752	-.0472	-.0193	
.850			-.0311				
.858							
.864	-.1163						.0822
.898	-.0612						
.900							
.905			-.0405				
.950						.0150	.2899
.952			-.0574				
.966	-.0899						

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 326

B26C9G15M7F9W1J6E26V8R5X9 LEFT UPPER WING

(RDQV13)

SECTION 1 LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (2) = .050

MB, Y

X/CN

-.299	.352	.405	.534	.673	.780	.887
-.0581	-.5329	-.1525	-.1957	-.1732	.2829	-.0934
		-.0146	-.0018	-.0255	-.0940	-.1144
			-.2442	-.12333	-.2853	-.3367
-.0442	.0278					
		-.2811	-.3465	-.4182	-.5042	-.2620
-.0630						
	-.1714		-.4760	-.5137	-.5422	-.5344
-.0201		-.3102	-.3399	-.4029		-.4120
-.2962		-.1559	-.2085	-.2587		-.2957
					-.1632	
-.0710			-.1104	-.1513		
		-.0804			-.0011	-.0661
		-.0891	-.1146	-.0794		
-.0541		-.0492	-.0758	-.0507	-.0262	
						.0788
-.1100		-.0369	-.0521			
-.0564		-.0446	.0334	.0114	.2423	
-.0739						
.299	.352	.405	.534	.673	.780	.887
-.1581	-.7181	-.5227	-.1015	.0555	.4036	-.2299
		-.5062	-.8146	-.8438	-.8591	-.8350
			-.8771	-.8811	-.9426	-.9719
	-.2011	-.6486				
-.1490			-.6656	-.7536	-.9605	-.6493
.2019		-.5271				

SECTION () LEFT UPPER WING

$$\text{BETA} (1) = .000 \quad \text{ALPHA} (3) = 5.030$$

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(RDQU13)

DEPENDENT VARIABLE CP

[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 329

SECTION (1) LEFT UPPER WING

B26C9G15M7FBW116E26VRSX9 LEFT UPPER WING

(RDOU13)

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.859							
.864							
.898							
.900							
.905							
.950							
.952							
.956							
.0279							
.1093							
.0419							
.0367							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.4182							
.12558							
.13439							
.17911							
.13941							
.1610							
.13845							
.2457							
.29232							
.12510							
.9692							
.14127							
.17252							
.13975							
.8965							
.9378							
.9848							
.9469							
.6606							
.8194							
.9787							
.15338							
.4185							
.5569							
.9046							
.7575							
.1941							
.2974							
.7295							
.5048							
.2037							
.3163							
.0780							
.1611							
.0351							

BETA (1) = .000 ALPHA (6) = 16.240

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.030							
.050							
.052							
.080							
.080							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.482							
.550							
.574							
.600							
.650							
.655							
.700							
.725							
.750							
.763							
.775							
.810							
.831							

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 330

B26C9G15M7F8W116E26VPR5X9 LEFT UPPER WING (R00U13)

SECTION (1) LEFT UPPER WING

$$\Delta \epsilon_{TA} (1) = .030 \quad \Delta \epsilon_{TA} (6) = 16.240$$

DEPENDENT VARIABLE CP

[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 331

B26C9015MTF8W115E26V8R5X9 LEFT UPPER WING

(RQQU14) (03 OCT 75)

REFERENCE DATA

SPEF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BRPF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

X/CM	Y/CM	.299	.352	.405	.534	.673	.700	.887
.000	.000	-.11274	-.4416	-.1842	-.6559	-.9835	-.2252	-.7076
.020	.020			.0461	.0921	-.0792	-.3835	-.3209
.050	.050				-.0587	-.0600	-.1168	-.2070
.080	.080		.0362	-.0995				
.100	.100	-.0672			-.1888	-.2801	-.3028	-.0977
.150	.150			-.1664				
.195	.195	-.0251	-.0684					
.240	.240				-.3464	-.3590	-.3691	-.3872
.250	.250	.0050			-.3064	-.3255		-.5442
.358	.358			-.2919				
.400	.400	-.2600		-.1942	-.2228	-.2663		
.431	.431						-.1755	-.2831
.492	.492							
.550	.550							
.574	.574							
.600	.600	-.1084			-.1457	-.1674		
.652	.652						.0086	-.0793
.695	.695			-.1258				
.700	.700			-.1366	-.1563	-.0935		
.725	.725							
.753	.753							
.775	.775	-.0892						
.810	.810				-.1071	-.0759	-.0396	
.831	.831							
.850	.850	-.1548						
.858	.858	-.0958						
.864	.864							
.899	.899				-.0704			.0433
.900	.900			-.0592	.0271	.0037	.2590	
.905	.905			-.0762				
.922	.922							
.906	.906	-.1043						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 332

B26C9015M7F8W116E26V8R5X9 LEFT UPPER WING

(ROQUIN)

DEPENDENT VARIABLE CP

SECTION (1) LEFT UPPER WING

BETA (1) = 10.060 ALPHA (2) = .030

Y/BW X/CW	299	.352	.405	.534	.673	.780	.887
.000							
.020	-.1950	-.4276	-.2426	-.3399	-.2560	.3083	-.2393
.050			-.1571	-.1516	-.1670	-.3459	-.2995
.052				-.2974	-.3360	-.3376	-.3813
.080			-.2628				
.083	-.1327	-.0631					
.150				-.3454	-.4176	-.4784	-.1736
.195			-.2926				
.222	-.0944						
.240		-.1889					
.250				-.4576	-.4858	-.5001	-.4707
.358	-.0629			-.3569	-.3889		-.5778
.400			-.3354				
.431							
.492	-.3227		-.2288	-.2549	-.2993		-.2892
.550						-.1835	
.574							
.600							
.650	-.1374			-.1588	-.1813		
.695						-.0011	-.0602
.700			-.1439				
.725				-.1505	-.1031		
.750			-.1450				
.763							
.775							
.810				-.1291	-.0835	-.0367	
.831	-.1033						
.850			-.0986				
.858							
.864	-.1777			-.0944			.0680
.898	-.1101		-.0770	-.0418	-.0080	.2804	
.900			-.0845				
.905							
.950							
.952							
.966	-.1144						
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.2767	-.6132	-.7320	-.4758	-.1653	.3107	-.4628
.050			-.4631	-.8405	-.8995	-.9859	-.9686
.052				-.7657	-.8306	-.8689	-.9041
.080			-.5744				
.088	-.3171						
.150	-.5366			-.5222	-.7444	-.8522	-.4611
.195			-.5795				
.222	-.2733						

BETA (1) = 10.050 ALPHA (3) = 5.020

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 333

BES09G15M7FBW116E26V9R5X9 LEFT UPPER WING (R00QU14)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (3) = 5.020

Y/BW X/C	.299	.352	.405	.534	.673	.780	.887
.240		-.7292					
.250				-.5630	-.6556	-.7098	-.6880
.358	-.2155						
.400				-.4581	-.4349		-.4895
.431			-.5417				
.492	-.4157						
.550			-.2770	-.2999	-.2847		
.574							
.600							-.3194
.650						-.1717	
.685	-.1587				-.1945		
.700				-.3011			
.725							
.750			-.1502	-.2524	-.1354		-.0654
.763							-.1027
.775							
.810	-.1159		-.1510				
.831				-.1976	-.1318	-.0801	
.850			-.1005				
.859							
.864	-.1850						
.900	-.1202						
.905			-.0799	-.1373			-.0022
.950			-.0805	-.0287	-.0700	.0546	
.952							
.956	-.1295						
Y/BW X/C	.299	.352	.405	.534	.673	.780	.887
.000	-.3722	-.9785	-.11528	-.9578	-1.0039	-.6861	-1.3687
.020			-.9130	-1.3418	-1.9881	-2.3267	-2.7747
.050				-.8989	-1.4542	-1.5326	-1.5324
.082			-.9221				
.080		-.6465					
.099	-.9487						
.100			-.10155	-.7225	-1.0123	-1.1527	-.8106
.155							
.222	-.9774	-1.9771					
.240				-.8029	-.5506	-.7734	-.7943
.250							
.358	-.6307			-.5503	-.5030		-.5555
.400			-.7607				
.431							
.432	-.5017						

BETA (1) = 10.050 ALPHA (4) = 10.120

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LEWT TEST 711 (0A69)

PAGE 334

B25C9015M7F8H11E26V8R5X9 LEFT UPPER WING

(R000114)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (4) = 10.120

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.899							
.900							
.915							
.950							
.952							
.956							
.299	.299	.352	.405	.534	.673	.780	.887
.471	-1.471	-1.1464	-1.4124	-1.3825	-1.7543	-1.6254	-2.0215
.480			-1.1702	-1.5872	-2.6901	-3.3821	-4.0097
.490				-1.9748	-1.7661	-1.9881	-1.9609
.492							
.494							
.496							
.498							
.500							
.502							
.504							
.506							
.508							
.510							
.512							
.514							
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.672							
.674							
.676							
.678							
.680							
.682							
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.710							
.712							
.714							
.716							
.718							
.720							
.722							
.724							
.726							
.728							
.730							
.732							
.734							
.736							
.738							
.740							
.742							
.744							
.746							
.748							
.750							
.752							
.754							
.756							
.758							
.760							
.762							
.764							
.766							
.768							
.770							
.772							
.774							
.776							
.778							
.780							
.782							
.784							
.786							
.788							
.790							
.792							
.794							
.796							
.798							
.800							
.802							
.804							
.806							
.808							
.810							
.812							
.814							
.816							
.818							
.820							
.822							
.824							
.826							
.828							
.830							
.832							
.834							
.836							
.838							
.840							
.842							
.844							
.846							
.848							
.850							
.852							
.854							
.856							
.858							
.860							
.862							
.864							
.866							
.868							
.870							
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.900							
.902							
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.906							
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.940							
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.966							
.968							
.970							
.972							
.974							
.976							
.978							
.980							
.982							
.984							
.986							
.988							
.990							
.992							
.994							
.996							
.998							
.1000							

BETA (1) = 10.050 ALPHA (5) = 13.190

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							

PAGE 336

(RDCU14)

DEPENDENT VARIABLE CP

Y/BW X/CW

0
0
0
0
0
0
0
0

4840 -
- 1841
- 1491

-.1024
-.0499
-.0034

.1291

.0534

- .2473

- .2473

REFERENCE DATA				PARAMETRIC DATA			
SREF =	4.4120 SQ.FT.	XMRP =	33.9580 INCHES	ELEVON =	.000	RUDDER =	-7.500
LREF =	19.2300 INCHES	YMRP =	.0000 INCHES	BDFLAP =	-14.250	BETA =	-10.000
BREF =	37.9360 INCHES	ZMRP =	16.2000 INCHES				
SCALE =	.0405 SCALE						
SECTION (1) LEFT UPPER WING				DEPENDENT VARIABLE CP			
BETA (1) = -10.060	ALPHA (1) = -2.980	Y/BW	X/CW				
		.000	.352	.405	.534	.673	.780 .887
		.020	-.3318	-.4390	-.3478	-.5841	-.2074 -.2608
		.050	-.8043	.3073	.3956	.3318	.2383 .2058
		.052		.0219	.1130	.1327	.0565 -.0236
		.080	.2120				
		.088	.0820				
		.150		-.0905	-.1603	-.1828	-.2907 -.1234
		.195	.0865				
		.222	.0223				
		.240			-.3147	-.3698	-.4052 -.4377
		.250	.1260		-.2165	-.3012	-.3133
		.358		-.1679			
		.400			-.1125	-.2030	
		.431	-.1491	-.0416			-.2878
		.492					
		.550					
		.574					
		.600					
		.650	.0311			-.1213	
		.695			-.0385	-.0898	
		.700					
		.725		-.0052		.0324	-.0609
		.750		-.0339	-.0696	-.0451	
		.763					
		.775					
		.810	-.0069		-.0351	-.0200	-.0158
		.831					
		.850		-.0098			
		.858					
		.864	-.0436				
		.868	-.0121				
		.900					.0986
		.905		-.0057			
		.950					
		.952		-.0528	.0627	.0115	.2816
		.966	-.0502				

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 341

B26C9G15M7F8W116E26V9R5X9 LEFT UPPER WING

(POQU15)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) --10.060 ALPHA (5) = 13.190

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.859							
.864							
.898							
.900							
.905							
.950							
.952							
.966							
.0254							
.1087							
.1242							
.1202							
.0411							
.0009							
.3648							
.1688							
.2315							
.1910							
.1392							
.1858							
.2643							
.2344							
.1003							
.0504							
.0725							
.1213							
.1379							
.534							
.673							
.780							
.887							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.2159							
.11225							
.24273							
.14225							
.31917							
.24890							
.1429							
.11010							
.8228							
.11286							
.15090							
.19265							
.15052							
.9942							
.8680							
.9280							
.10701							
.9919							
.5905							
.6549							
.7201							
.8941							
.3489							
.5586							
.9677							
.4813							
.7703							
.4789							
.2127							
.8011							
.3623							
.3054							
.1855							
.3009							
.2030							
.0887							

BETA (1) --10.050 ALPHA (6) = 16.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.430							
.431							
.492							
.550							
.574							
.600							
.650							
.693							
.700							
.725							
.750							
.753							
.775							
.810							
.831							

TABULATED PRESSURE DATA FOR NP/LAD LSWT TEST 711 (0A69)

B26C9G15M7F8W116E26V6R5X9 LEFT UPPER WING

DEPENDENT VARIABLE CP

(R00015)

	Y/BW	.299	.352	.405	.534	.673	.780	.887
X/C4								
.850								
.858								
.864	.0423			- .1043	- .1836	- .1791	- .7327	
.898	.0713							
.900								
.900								
.905					- .1627			
.950				.0105				- .5773
.952					- .0736	.0331	- .5977	
.966				.0637				
	.0376							

REFERENCE DATA
 SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
 LREF = 19.2320 INCHES YMRP = .0000 INCHES
 BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0475 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BOFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT UPPER WING

BETA (1) = -0.010 ALPHA (1) = -2.350

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.1095	-.6353	-.2859	-.5075	-.7974	-.2504	-.5347
.020		.1626		.2357	.1061	-.1061	-.0904
.050				.0229	.0344	-.0297	-.1034
.080			-.0604				
.100	.1089						
.120	-.0147			-.1755	-2500	-.2859	-.0727
.150		-.1445					
.180	.0103						
.200		-.0386		-.3452	-.3676	-.3841	-.3778
.250	.0459			-.2717	-.3203		-.4255
.300		-.2503					
.350	-.2176		-.1307	-.1757	-.2362		
.400						-.1566	-.2692
.450	-.0534				-.1366		
.500				-1042		.0268	-.0492
.550			-.0725		-.1218	-.0753	
.600		-.0880					
.650	-.0514			-.0752	-.0472	-.0193	
.700		-.0481					
.750							
.800	-.1071						
.850	-.0578						
.900			-.0298	-.0524			.0822
.950			-.0475	.0475	.0150	.2899	
1.000	-.0786		-.0547				

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NLRAD LSWT TEST 711 (0A69)

PAGE 344

B26C9015M7F8W116E26V8R5X9 LEFT UPPER WING

(R00U16)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (2) = .050

Y/BW X/CW	.299	.352	.405	.534	.573	.780	.687
.020							
.020	-.0581	-.5329	-.1525	-.1957	-.1732	.2829	-.0934
.050			-.0146	-.0018	-.0255	-.0940	-.1144
.052				-.2442	-.2333	-.2853	-.3367
.080		.0278					
.089	-.10442						
.150				-.3465	-.4182	-.5042	-.2620
.195							
.222	-.0530						
.240		-.1714					
.250				-.4760	-.5137	-.5422	-.5344
.308	-.0201			-.3399	-.4029		-.4120
.400							
.431			-.3102				
.432	-.2962			-.2085	-.2587		
.550			-.1559				-.2957
.574							
.600						-.1632	
.650	-.0710						
.695				-.1104			
.725							
.760							
.763			-.0754			-.0011	-.0661
.775							
.810			-.0838				
.831							
.850							
.858	-.0491			-.0758	-.0507	-.0262	
.864							
.898	-.1048						
.900	-.0537						
.905				-.0521			.0788
.950							
.952			-.0416	.0334	.0114	.2423	
.955	-.0616						
.965							
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.687
.020							
.020	-.11581	-.7181	-.5227	-.1015	.0555	.4036	-.2299
.050			-.15062	-.8146	-.8438	-.8591	-.8350
.052				-.8771	-.8811	-.9426	-.9719
.080							
.089		-.2011					
.150	-.1490			-.6656	-.7536	-.9605	-.6493
.195							
.222	-.2019			-.5271			

BETA (1) = .000 ALPHA (3) = 5.030

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 346

826C9G:5MTF8W116E26V8R5X9 LEFT UPPER WING

(RDOU16)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (4) = 10.100

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.550							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.859							
.864							
.898							
.900							
.905							
.950							
.952							
.966							

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.060							
.089							
.150							
.193							
.222							
.240							
.250							
.358							
.400							
.431							
.432							
.550							
.574							
.600							
.650							
.695							
.700							

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 7:1 (0A69)

826C9G15MTF8W116E26V8R5X3 LEFT UPPER WING (R00U16)

DEPENDENT VARIABLE C

SECTION (1) LEFT UPPER WING

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725				-.3034		-.3641	-.2708
.750			-.1493				
.763				-.3286	-.1686		
.775			-.1150				
.810							
.831	-.0261						
.850			-.0469	-.2976	-.1280	-.2959	
.858							
.894	-.1017						
.893	-.0367						
.900				-.2548			-.2943
.905			-.0063				
.950			.0117	-.1402	-.0324	-.2857	
.952							
.956	-.0292						

BETA (1) = .000 ALPHA (6) = 16.240

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.894							
.893							
.900							
.905							
.950							
.952							
.956							

DATE 22 OCT '75

TABULATED PRESSURE DATA FOR NPLAD LSHT TEST 711 (0A63)

PAGE 349

B26C901547F8H11EE26V8R5X9 LEFT UPPER WING

(R00U17) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. X-GRP = 33.0580 INCHES
 LREF = 19.2300 INCHES Y-GRP = .0000 INCHES
 BREF = 37.9360 INCHES Z-GRP = 16.0000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RIDDER = -7.500
 BCUFLAP = -14.250 BETA = 10.000

SECTION (1) LEFT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

X/F
X/CW

.000	.239	.352	.405	.534	.673	.700	.887
.020	-.1274	-.4416	-.1842	-.6539	-.9835	-.2252	-.7076
.050			.0461	-.0921	-.0792	-.3935	-.3209
.080				-.0587	-.0600	-.1168	-.2070
.100		.0362	-.0995				
.150	-.0672			-.1888	-.2801	-.3028	-.0977
.200	-.0251	-.0684	-.1564				
.250	.0050			-.3464	-.3590	-.3691	-.3872
.300				-.3064	-.3255		-.5442
.350	-.2600		-.2919				
.400			-.1942	-.2228	-.2663		
.450						-.1755	-.2831
.500	-.1084			-.1457	-.1674		
.550						.0086	-.0793
.600			-.1226	-.1563	-.0935		
.650			-.1319				
.700	-.0854			-.1071	-.0755	-.0396	
.750			-.0760				
.800	-.1520			-.0704			.0433
.850	-.0855		-.0581				
.900			-.0722	.0271	.0037	.2590	
.950							
.980	-.0997						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (OAB9)

PAGE 350

B2 29G15M7FBW116E26VBR5X9 LEFT UPPER WING (RDOU17)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (2) = .030

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.1950	-.4276	-.2426	-.3399	-.2560	.3083	-.2393
.020			-.1571	-.1516	-.1670	-.3459	-.2995
.050				-.2974	-.3360	-.3376	-.3813
.052							
.080		-.0631					
.088	-.1327			-.3454	-.4176	-.4784	-.1736
.150			-.2926				
.195							
.222	-.0944	-.1889					
.240				-.4576	-.4858	-.5001	-.4707
.250	-.0629			-.3569	-.3889		-.5778
.358			-.3364				
.400	-.3227		-.2288				
.431							
.492				-.2549	-.2993		
.550							
.574							
.600							
.650							
.695	-.1374				-.1813	-.1835	-.2892
.700							
.725				-.1394		-.0011	-.0602
.750				-.1415	-.1031		
.763							
.775							
.810							
.831	-.0993						
.850							
.858							
.854	-.1725			-.0944			.0680
.898	-.1003			-.0693	-.0418	-.0080	.2804
.900							
.905							
.950				-.0792			
.952							
.966	-.1004						
Y/BW	.299	.352	.405	.534	.673	.780	.887
X/CW							
.000	-.2767	-.6132	-.7320	-.4758	-.1653	.3107	-.4628
.020			-.4631	-.8405	-.8995	-.9859	-.9686
.050				-.7657	-.8306	-.8689	-.9041
.052							
.080		-.3171					
.088	-.5366						
.150				-.5222	-.7444	-.8522	-.4611
.195							
.222	-.2733						

BETA (1) = 10.050 ALPHA (3) = 5.020

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 351

SECTION (1) LEFT UPPER WING

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(RQQU17)

BETA (1) = 10.050 ALPHA (3) = 5.020

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.858							
.864							
.898							
.900							
.905							
.950							
.952							
.966							
.299							
.3722							
.9487							
.9774							
.240							
.250							
.358							
.400							
.431							
.492							

BETA (1) = 10.050 ALPHA (4) = 10.120

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							

DATE 22 OCT 75

TABLED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 352

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(R00017)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

$$BE^*A(1) = 10.050 \quad \text{ALPHA}(4) = 10.120$$

MB/X
Y/BW

57X

[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 354

B26C9G15M7F8W116E26V8R5X9 LEFT UPPER WING

(RDQV17)

SECTION (1) LEFT UPPER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (6) = 16.220$$
[illegible]

REFERENCE DATA

SREF = 4.4120 SQ.FT.
LREF = 19.2300 INCHES
BREF = 37.9360 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000
BOFLAP = -14.250
RUDDER = .000
BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = -10.050 ALPHA (1) = -2.980

Z/BV X/CV	.150	.316	.600	.840	.925
.000	-.9025	-1.6377	-.4907	-.0874	-1.2474
.020	.2964	.2144	.3581	.0912	.1564
.050	.2896	.2500	.2471	.1758	.1096
.150	.2738	.2868	.3242	.2536	.1315
.300	.1633	.1372	.1557	.0917	-.0411
.520	-.3865	.1284	-.0395	-.0816	-.2058
.650	-.3223	-.2913	-.3143	-.2774	-.3185
.775	-.2396	.315	-.0910	-.3767	-.2367

BETA (1) = -10.070 ALPHA (2) = .020

Z/BV X/CV	.150	.316	.600	.840	.925
.000	-.9343	-1.6688	-.5007	-.8441	-1.3439
.020	.2625	.1578	.2965	.0403	.0832
.050	.2455	.2224	.2305	.1486	.0827
.150	.2950	.2732	.2946	.2339	.1067
.300	.1451	.1213	.1441	.0781	-.0622
.520	-.2115	-.1324	-.0366	-.0788	-.2253
.650	-.3211	-.2843	-.2914	-.2588	-.3120
.775	-.2421	-.1898	-.0772	-.3692	-.2381

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/BV X/CV	.150	.316	.600	.840	.925
.000	-1.0352	-1.7262	-.5346	-.8698	-1.2657
.020	.2117	.0582	.1321	-.0627	-.0566
.050	.2155	.2048	.2095	.1311	.0522
.150	.2200	.2473	.2479	.2032	.0873
.300	.1282	.1037	.1292	.0674	-.0905
.520	-.3079	.1270	-.0303	-.0718	-.2425
.650	-.3189	-.2710	-.2630	-.2280	-.3190
.775	-.2343	-.1669	-.0519	-.3259	-.2452

BETA (1) = -10.050 ALPHA (4) = 10.090

Z/BV X/CV	.150	.316	.600	.840	.925
.000	-1.0788	-1.7566	-.5470	-.9181	-1.1781
.020	.1475	-.0730	-.0450	-.1384	-.1670
.050	.1976	.2103	.2005	.1144	.0287
.150	.2029	.2492	.2187	.1789	.0959
.300	.1209	.0943	.1135	.0691	-.1049
.520	-.2297	-.1149	-.0255	-.0623	-.2724
.650	-.3229	-.2508	-.2303	-.1926	-.3106
.775	-.2430	-.1416	-.0404	-.2992	-.2543

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 356

B26090:5W7F8W116E26Y8R5X9 LEFT VERTICAL (R00QV03)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = -10.050 ALPHA (5) = 13.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1707	-1.8011	-1.5540	-.8841	-1.1635
.020	.0926	-.1591	-.1725	-.1712	-.2034
.050	.1835	.2055	.1991	.0995	.0074
.150	.1895	.2434	.2007	.1565	.0967
.300	.1262	.0900	.1056	.0716	-.1116
.520	-.2976	-.1089	-.0221	-.0508	-.2590
.650	-.3236	-.2426	-.2162	-.1780	-.3061
.775	-.2450	-.1424	-.0358	-.2874	-.2535

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1244	-1.8653	-1.5504	-.8727	-1.1670
.020	.0007	-.2232	-.2636	-.1923	-.2442
.050	.1887	.2021	.1887	.0662	-.0093
.150	.1424	.2274	.1782	.1481	.1011
.300	.0940	.0916	.1009	.0750	-.1144
.520	-.2778	-.1041	-.0151	-.0420	-.2348
.650	-.3117	-.2290	-.2089	-.1560	-.2940
.775	-.2404	-.1420	-.0214	-.2634	-.2405

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 357

(R00V04) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33 9580 INCHES
 LREF = 19.2300 INCHES YMRP = 0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16 2000 INCHES
 SCALE = .0495 SCALE

SECTION: (1) LEFT VERTICAL

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

Z/B/ X/CV	.158	.316	.600	.840	.925
.000	.2950	-.2439	-.5926	-.1621	-.4114
.020	.0122	-.1004	-.1574	-.0057	-.0173
.050	-.0697	-.1051	-.1216	-.0875	-.0996
.100	-.0881	-.0672	-.0041	.0387	-.0516
.200	-.1071	-.1514	-.1155	-.1080	-.1597
.300	-.3753	-.2871	-.2500	-.2109	-.2526
.400	-.3314	-.4046	-.4594	-.3632	-.3328
.500	-.2507	-.2404	-.1232	-.2700	-.1778

BETA (1) = .000 ALPHA (2) = .050

Z/B/ X/CV	.158	.316	.600	.840	.925
.000	.2556	-.3041	-.6056	-.1997	-.4539
.020	-.0164	-.1241	-.1721	-.0338	-.0535
.050	-.0956	-.1224	-.1301	-.0972	-.1059
.100	-.1098	-.0777	-.0104	.0215	-.0627
.200	-.1251	-.1587	-.1255	-.1130	-.1886
.300	-.2740	-.2877	-.2434	-.2069	-.2515
.400	-.3209	-.3934	-.4541	-.3403	-.3159
.500	-.2627	-.2423	-.1291	-.2759	-.1739

BETA (1) = .000 ALPHA (3) = 5.030

Z/B/ X/CV	.158	.316	.600	.840	.925
.000	.2472	-.3797	-.6370	-.2553	-.4996
.020	-.0610	-.1712	-.1989	-.0974	-.1020
.050	-.1261	-.1411	-.1418	-.1170	-.1239
.100	-.1443	-.1012	-.0114	.0037	-.0879
.200	-.1444	-.1627	-.1348	-.1258	-.1825
.300	-.3701	-.2848	-.2419	-.1900	-.2434
.400	-.3172	-.3204	-.4254	-.2943	-.2903
.500	-.2509	-.2335	-.1227	-.2617	-.1644

BETA (1) = .000 ALPHA (4) = 10.100

Z/B/ X/CV	.158	.316	.600	.840	.925
.000	.2261	-.4354	-.6549	-.3060	-.5305
.020	-.0637	-.1775	-.1931	-.1028	-.1250
.050	-.1432	-.1516	-.1412	-.1333	-.1401
.100	-.1613	-.1117	-.0200	.0039	-.0944
.200	-.1673	-.1719	-.1378	-.1305	-.1936
.300	-.3503	-.2769	-.2302	-.1713	-.2439
.400	-.3095	-.3615	-.3903	-.2652	-.2620
.500	-.2376	-.2335	-.11067	-.2442	-.1555

PARAMETRIC DATA

ELEVON = .000 RUDDER = .000
 BDF LAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (OAG9)

PAGE 358

(R0QV04)

B26C9G15M7F8W116E26V8R5X9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = .000 ALPHA (5) = 13.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2079	-.4615	.6702	-.3345	-.5525
.020	-.0616	-.1790	-.1871	-.0992	-.1403
.050	-.1496	-.1513	-.1409	-.1424	-.1474
.100	-.1661	-.1134	-.0269	-.0511	-.0921
.150	-.1632	-.1679	-.1341	-.1361	-.2005
.200	-.3831	-.2834	-.2252	-.1655	-.2466
.300	-.3208	-.3818	-.3839	-.2487	-.2514
.400	-.2507	-.2270	-.0919	-.2348	-.1505

BETA (1) = .000 ALPHA (6) = 16.240

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.1993	-.4757	.6720	-.3535	-.5714
.020	-.0554	-.1727	-.1744	-.0917	-.1494
.050	-.1490	-.1441	-.1367	-.1492	-.1542
.100	-.1680	-.1137	-.0225	-.0508	-.0882
.150	-.1602	-.1630	-.1263	-.1341	-.2071
.200	-.3799	-.2767	-.2104	-.1542	-.2417
.300	-.3246	-.3764	-.3653	-.2302	-.2387
.400	-.2541	-.2195	-.0795	-.2310	-.1516

REFERENCE DATA
SREF = 4.4120 50.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9350 INCHES ZMRP = 16.2000 INCHES
SCALE = .0400 SCALE

PARAMETRIC DATA
ELEVON = .000 RUDDER = .000
BOFLAP = -14.250 BETA = 10.000

SECTION (1) LEFT VERTICAL		DEPENDENT VARIABLE CP	
BETA (1) = 10.050	ALPHA (1) = -2.970	Z/BV X/CV	
		.000	.158 .316 .600 .840 .925
		.020	-1.0582 -.6986 .6348 -.5092 -.5584
		.040	-1.2072 -.7518 .8001 -1.0814 -1.0281
		.060	-1.4866 -1.1987 .9427 -.5912 -.5850
		.080	-1.5400 -1.0453 -1.3302 -.6613 -.5601
		.100	-1.3707 -.4272 -1.0250 -.5907 -.5764
		.120	-1.4550 -.3331 -.8181 -.5153 -.4579
		.140	-1.3679 -.4342 -.6988 -.4401 -.3430
		.160	-1.3203 -.2463 -.6311 -.4343 -.3525
		.180	.158 .316 .600 .840 .925
		.200	-1.1016 -.7424 .6372 -.5511 -.6358
		.220	-1.2157 -.7605 .8005 -1.1103 -.9685
		.240	-1.4946 -1.3096 .9549 -.5703 -.5531
		.260	-1.5400 -1.0682 -1.3276 -.6711 -.5428
		.280	-1.3894 -.3570 -1.0511 -.5623 -.5383
		.300	-1.4521 -.3384 -.8425 -.4982 -.4462
		.320	-1.3561 -.4171 -.7116 -.4346 -.3453
		.340	-1.3298 -.2507 -.6447 -.4323 -.3571
		.360	.158 .316 .600 .840 .925
		.380	-1.2039 -.8488 .6188 -.6359 -.7501
		.400	-1.2638 -.7966 .7925 -1.1759 -.9369
		.420	-1.5091 -1.3708 .9715 -.5454 -.5186
		.440	-1.5803 -1.0972 -1.3221 -.7044 -.5253
		.460	-1.4115 -.2972 -1.1430 -.5256 -.4681
		.480	-1.4151 -.3309 -.9947 -.4780 -.4376
		.500	-1.3315 -.3732 -.7595 -.4426 -.3648
		.520	-1.3212 -.2308 -.6037 -.4471 -.3389
		.540	.158 .316 .600 .840 .925
		.560	-1.2876 -.9109 .6093 -.7196 -.7951
		.580	-1.1078 -.7693 .7335 -1.0756 -.8199
		.600	-1.5385 -1.3861 .9939 -.5605 -.5476
		.620	-1.5972 -1.1572 -1.3043 -.7589 -.5218
		.640	-1.4475 -.2834 -1.3530 -.5671 -.4262
		.660	-1.3375 -.3111 -1.1548 -.4909 -.3960
		.680	-1.3130 -.2778 -.6617 -.4747 -.3656
		.700	-1.3104 -.2373 -.3831 -.5318 -.3391

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSHT TEST 711 (0A69)

PAGE 360

(R00V05)

B26C9G15M7F8W116E26V8R5X9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/BV X/CV	.150	.316	.600	.840	.925
.000	-1.3814	-.9419	.5984	-.7585	-.7967
.020	-1.1639	-.7683	-.7457	-1.0184	-.7624
.050	-.6098	-1.2049	-1.0377	-.6010	-.4709
.150	-.6814	-1.1468	-1.2756	-.7679	-.5210
.300	-.5142	-.3395	-1.4830	-.6525	-.4384
.520	-.4998	-.2397	-1.0274	-.5906	-.3942
.650	-.4413	-.2537	-.4316	-.6089	-.3454
.775	-.3875	-.2350	-.1759	-.5863	-.3455

BETA (1) = 10.050 ALPHA (6) = 15.220

Z/BV X/CV	.150	.316	.600	.840	.925
.000	-1.2880	-1.0165	.5902	-.7855	-.8135
.020	-.9024	-.9915	-.8020	-1.0621	-.7175
.050	-.7419	-1.0168	-1.1039	-.6355	-.4740
.150	-.7444	-1.2020	-1.1351	-.6728	-.4937
.300	-.7943	-.4050	-1.4670	-.6974	-.4549
.520	-.7441	-.3614	-.9174	-.6478	-.4058
.650	-.6246	-.3100	-.4501	-.6422	-.3575
.775	-.5431	-.2500	-.1437	-.6401	-.3632

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 361

B2EC9G15M7F8W116E26V8R5X9 LEFT VERTICAL (R0QV06) (03 OCT 75)

REFERENCE DATA

SREF = 4 4120 52 FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9300 INCHES ZMRP = 16.0000 INCHES
SCALE = .0405 SCALE

SECTION (1) LEFT VERTICAL

BETA (1) = -10.060 ALPHA (1) = -2.980

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.8768	-1.6100	-.4956	-.8948	-1.2666
.020	.3154	.2217	.3497	.0741	.1397
.050	.2830	.2566	.2508	.1744	.1078
.100	.2905	.2951	.3219	.2661	.1640
.150	.1811	.1542	.1641	.0385	-.0370
.200	-.2714	-.1007	-.0196	-.0662	-.1995
.250	-.2755	-.2552	-.2680	-.2531	-.3033
.300	-.2032	-.1633	-.0715	-.3584	-.2283

BETA (1) = -10.070 ALPHA (2) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.8774	-1.6133	-.4620	-.8424	-1.3155
.020	.2858	.1753	.2895	.0163	.0658
.050	.2627	.2335	.2305	.1498	.0798
.100	.2687	.2780	.2936	.2504	.1462
.150	.1666	.1394	.1516	.0856	-.0561
.200	-.2700	-.1013	-.0191	-.0545	-.2188
.250	-.2747	-.2126	-.2715	-.2406	-.3059
.300	-.1385	-.1561	-.0586	-.3381	-.2326

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9881	-1.6664	-.5092	-.8879	-1.2569
.020	.2254	.0598	.1139	-.0813	-.0733
.050	.2375	.2244	.2122	.1354	.0540
.100	.2426	.2522	.2552	.2223	.1338
.150	.1525	.1223	.1322	.0121	-.0900
.200	-.2624	-.0395	-.0204	-.0025	-.2437
.250	-.2654	-.2426	-.2593	-.2101	-.3143
.300	-.1899	-.1385	-.0526	-.3066	-.2437

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9973	-1.6743	-.4971	-.9360	-1.1663
.020	.1665	-.0738	-.0652	-.1576	-.1799
.050	.2083	.2163	.2041	.1110	.0229
.100	.2215	.2587	.2278	.1871	.1303
.150	.1369	.1040	.1116	.0759	-.1048
.200	-.2575	-.0338	-.0214	-.0518	-.2607
.250	-.2843	-.2318	-.2355	-.1770	-.3044
.300	-.2055	-.1420	-.0450	-.2861	-.2507

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = -10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0489)

PAGE 362

(RDGV06)

B26C9G:5M7F8W116E26V8R5X9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/BV X/CV	.150	.316	.500	.840	.925
.000	-1.0919	-1.7424	-5.362	-9.055	-1.1903
.020	.1160	-1.1552	-1.1795	-1.1881	-2.165
.050	.1930	.2104	.2041	.0921	-0.023
.100	.2058	.2506	.2088	.1657	.1171
.150	.1413	.0979	.1071	.0755	.1160
.200	-1.2718	-0.963	.0203	-0.495	-2.506
.250	-30.45	-1.2277	.2205	-1.663	-3.025
.300	-1.2256	-1.1466	-0.356	-1.2801	-2.564
.350	.150	.316	.600	.840	.925

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/BV X/CV	.150	.316	.500	.840	.925
.000	-1.0456	-1.8301	-5.553	-9.071	-1.2050
.020	.0109	-1.2145	-1.2975	-2.164	-2.383
.050	.2044	.2128	.1957	.0838	-0.132
.100	.1824	.2411	.1827	.1441	.1216
.150	.1253	.1003	.1073	.0786	.1189
.200	-1.2610	-0.935	.0109	-0.400	-2.280
.250	-31.02	-1.2226	.2108	-1.498	-2.995
.300	-1.2347	-1.1427	-0.242	-1.2649	-2.496
.350	.150	.316	.600	.840	.925

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 363

(R00V07) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.3500 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION 1 LEFT VERTICAL

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3056	-.2246	.6049	-.1759	-.4210
.020	-.0113	-.0784	-.1470	-.0556	-.0784
.040	.0117	-.0621	-.1204	-.0777	-.0305
.060	-.0004	-.0382	.0155	.0829	.0136
.080	-.0700	-.1128	-.0391	-.0302	-.1496
.100	.3714	-.2816	-.2263	-.1343	-.2423
.120	.2627	-.3648	-.4435	-.2327	-.3189
.140	.2203	-.2041	-.1115	-.2737	-.1604

BETA (1) = .000 ALPHA (2) = .050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2851	-.2166	.6223	-.2086	-.4532
.020	.0320	-.1026	-.1599	-.0320	-.1065
.040	-.0104	-.0370	-.1293	-.0396	-.1018
.060	-.0170	.0018	.0103	.0450	.0012
.080	-.0331	-.1100	.1066	-.1016	.1600
.100	.3337	-.2359	-.2253	-.1892	-.2362
.120	.2876	.3047	-.4294	-.3067	-.3032
.140	.2208	-.2053	-.1118	-.2742	-.1582

BETA (1) = .000 ALPHA (3) = 5.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2650	-.3579	.6508	-.2651	-.4980
.020	-.0752	-.1344	-.1743	-.1365	-.1599
.040	-.0374	-.1197	-.1409	-.1120	-.1201
.060	-.1183	.0766	.0023	.0064	-.0093
.080	-.1165	-.1322	.1229	-.1174	-.1789
.100	.3234	-.2552	-.2229	-.1785	-.2301
.120	.2757	.3608	-.4097	-.2743	-.2833
.140	.2203	-.2136	-.1110	-.2620	-.1498

BETA (1) = .000 ALPHA (4) = 10.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2501	-.4306	.6837	-.3182	-.5350
.020	-.1032	-.1728	-.1989	-.1773	-.1913
.040	-.1213	.1306	-.1472	-.1376	-.1438
.060	-.1493	.0019	.0191	-.0203	-.0306
.080	-.1717	.1473	.1602	-.1358	-.1003
.100	.3418	-.2157	.2328	-.1676	-.2416
.120	.2849	.3630	-.3327	-.2516	-.2566
.140	.2248	-.2246	-.1046	-.2500	-.1402

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
 BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A69)

PAGE 364

(RDOV07)

B26C9G15M7FBW116E26V8RSX9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL DEPENDENT VARIABLE CP

BETA (1) =	.000	ALPHA (5) =	13.220	Z/BV X/CV	.158	.316	.600	.840	.925
	.000			.2402	-.546	.6955	-.3402	-.5492	
	.020			-.1062	-.182	-.1938	-.1739	-.1908	
	.050			-.1302	-.1402	-.1437	-.1476	-.1520	
	.150			-.1528	-.1064	-.0312	-.0452	-.0306	
	.300			-.1465	-.1544	-.1300	-.1332	-.1996	
	.520			-.3637	-.2746	-.2184	-.1595	-.2391	
	.650			-.3061	-.3796	-.3841	-.2353	-.2484	
	.775			-.2457	-.2298	-.0965	-.2446	-.1349	
BETA (1) =	.000	ALPHA (6) =	16.240	Z/BV X/CV	.158	.316	.600	.840	.925
	.000			.2301	-.4691	.7048	-.3574	-.5597	
	.020			-.1031	-.1727	-.1842	-.1643	-.1900	
	.050			-.1394	-.1476	-.1465	-.1578	-.1610	
	.150			-.1567	-.1099	-.0272	-.0551	-.0242	
	.300			-.1540	-.1576	-.1281	-.1342	-.2051	
	.520			-.3903	-.2874	-.2149	-.1566	-.2403	
	.650			-.3310	-.3905	-.3717	-.2170	-.2378	
	.775			-.2690	-.2328	-.0887	-.2383	-.1329	



REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -20.000 RUDDER = .000
BDFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = 10.050	ALPHA (1) = -2.970	Z/BV X/CV	.158	.316	.600	.840	.925
		.000	-1.0130	-.6766	.6415	-.4935	-.5743
		.020	-1.4962	-.9198	-.8323	-1.2327	-1.0184
		.050	-.4267	-1.2514	-.9507	-.5557	-.5404
		.150	-.5025	-1.0207	-1.2606	-.6538	-.5399
		.300	-.3341	-.3665	-1.0319	-.5543	-.5437
		.520	-.4119	-.3031	-.8095	-.4814	-.4377
		.650	-.3245	-.3909	-.6707	-.4108	-.3383
		.775	-.2811	-.2180	-.5878	-.4168	-.3479

BETA (1) = 10.060 ALPHA (2) = .030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0600	-.7255	.6452	-.5425	-.6496
.020	-1.5234	-.9296	-.8320	-1.2399	-.9870
.050	-.4435	-1.2769	-.9686	-.5497	-.5194
.150	-.5027	-1.0427	-1.2751	-.6799	-.5338
.300	-.3542	-.3172	-1.0604	-.5366	-.5029
.520	-.4101	-.3120	-.8487	-.4721	-.4405
.650	-.3167	-.3785	-.6765	-.4054	-.3412
.775	-.2778	-.2098	-.5677	-.4214	-.3384

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1484	-.8181	.6307	-.6217	-.7451
.020	-1.5774	-.9433	-.8340	-1.2346	-.9280
.050	-.4619	-1.3255	-.9747	-.5441	-.4819
.150	-.5359	-1.0488	-1.2891	-.7272	-.5276
.300	-.3730	-.2726	-1.1703	-.5241	-.4417
.520	-.3744	-.3074	-1.0086	-.4655	-.4183
.650	-.3018	-.3442	-.7133	-.4179	-.3679
.775	-.2723	-.2048	-.4975	-.4644	-.3178

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.2396	-.8966	.6105	-.7188	-.7882
.020	-1.4281	-1.0067	-.8204	-1.2776	-.8476
.050	-.5142	-1.3491	-.9960	-.5805	-.4647
.150	-.5579	-1.1165	-1.3035	-.7882	-.5292
.300	-.4233	-.2786	-1.4241	-.5885	-.4231
.520	-.3325	-.3094	-1.1460	-.5026	-.3913
.650	-.3195	-.2938	-.6288	-.4694	-.3569
.775	-.2948	-.2483	-.2960	-.5395	-.3343

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 22 OCT 75

PAGE 366

TABLE 1. SUMMARY OF DATA FOR NLRAD LSWT TEST 711 (0A69)

(R0QV08)

B26C9G15M7F8W1 16E26V8R5X9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION () LEFT VERTICAL

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (5) = 13.190$$

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.3577	-.9649	.5778	-.7658	-.8035
.020	-1.6013	-.9933	-.8358	-1.2753	-.8192
.050	-.5382	-1.2222	-1.0674	-.6402	-.4671
.150	.6554	-1.1201	-1.3022	-.7939	-.5274
.300	.5015	-.3371	-1.6148	-.6888	-.4424
.520	-.5119	-.3139	-1.0680	.6264	-.3975
.750	-.4601	-.2726	-.4362	.6413	-.3542
.875	-.4273	-.2522	-.1463	-.6078	-.3567
Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.3953	-1.0848	.5408	-.8113	-.8201
.020	-1.1543	-1.1717	-.9713	-1.2389	-.7524
.050	.7100	-1.0583	-1.1642	-.6995	-.4930
.150	-.7267	-1.2382	-1.2406	-.7631	-.5254
.300	-.7758	-1.2024	-1.6244	.7273	-.4690
.520	-.7888	-.3841	-.9465	.6801	-.4156
.750	-.6859	-.3503	-.4112	.6672	-.3717
.875	-.6036	-.2927	-.1321	-.6440	-.3762

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (6) = 16.220$$

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 367

B26C9G15H7F8W116E2SV8R5X9 LEFT VERTICAL

(RDQV09) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .04C5 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BOFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = -10.060 ALPHA (1) = -2.980

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.8727	-1.6455	-.5195	-.8899	-1.3736
.020	.2694	.1322	.3002	.0040	.1059
.050	.2812	.2475	.2377	.1627	.0965
.150	.2894	.2952	.3113	.2567	.1227
.300	.1693	.1374	.1512	.0859	-.0518
.520	-.3198	-.1304	-.0386	-.0839	-.2200
.650	-.3067	-.2729	-.2888	-.2621	-.3139
.775	-.2280	-.1854	-.1005	-.3611	-.2403

BETA (1) = -10.070 ALPHA (2) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9129	-1.6582	-.5268	-.8542	-1.3243
.020	.2364	.0768	.2029	-.0484	.0215
.050	.2624	.2318	.2237	.1401	.0707
.150	.2641	.2733	.2779	.2408	.0958
.300	.1591	.1272	.1439	.0756	-.0732
.520	-.3010	-.1217	-.0323	-.0810	-.2389
.650	-.2954	-.2639	-.2744	-.2474	-.3153
.775	-.2114	-.1677	-.0904	-.3420	-.2453

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0192	-1.6889	-.5602	-.9090	-1.2444
.020	.1832	-.0339	.0515	-.1417	-.0951
.050	.2348	.2251	.2147	.1250	.0440
.150	.2357	.2595	.2422	.2092	.0894
.300	.1387	.1074	.1207	.0608	-.1058
.520	-.3044	-.1218	-.0296	-.0791	-.2617
.650	-.3161	-.2601	-.2523	-.2159	-.3181
.775	-.2251	-.1562	-.0749	-.3138	-.2563

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0222	-1.7100	-.5791	-.9973	-1.1159
.020	.1117	-.1509	-.1562	-.2033	-.1987
.050	.2033	.2099	.2036	.1020	.0142
.150	.2057	.2467	.2118	.1762	.0987
.300	.1222	.0895	.1080	.0609	-.1191
.520	-.3236	-.1219	-.0220	-.0634	-.2782
.650	-.3626	-.2573	-.2227	-.1842	-.3110
.775	-.2822	-.1562	-.0518	-.2922	-.2650

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSHT TEST 711 (0A69)

PAGE 368

(RDOV09)

B26C9G1547F8W116E26V8P5X9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0312	-1.6682	-.5427	-.9687	-1.1652
.020	-.0443	-.2130	-.2598	-.2400	-.2166
.050	.1837	.2009	.1986	.0816	-.0109
.150	.1880	.2364	.1841	.1547	.0927
.300	.1195	.0757	.0907	.0543	-.1302
.520	-.3133	-.1251	-.0341	-.0504	-.2601
.650	-.3570	-.2956	-.2208	-.1641	-.2997
.775	-.2733	-.1607	-.0512	-.2016	-.2603

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9204	-1.7535	-.5309	-.9300	-1.2118
.020	-.0704	-.2312	-.3451	-.2803	-.2840
.050	.1658	.2004	.1358	.0708	-.0252
.150	.1454	.2238	.1589	.1305	.0982
.300	.0761	.0932	.0878	.0533	-.1356
.520	-.2774	-.1157	-.0311	-.0554	-.2414
.650	-.3348	-.2370	-.2101	-.1554	-.3023
.775	-.2534	-.1600	-.0431	-.2735	-.2605

REFERENCE DATA

SPEF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
BDFLAP = -14.250 BETA = .000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = -.010 ALPHA (1) = -2.950

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.3057	-.2384	.6099	-.1691	-.4111
.020	.0164	-.0895	-.1476	.0960	-.0507
.050	-.0432	-.0332	-.1112	-.1837	-.0999
.100	-.0544	-.0400	.0090	.0433	-.0566
.150	-.0609	-.1201	-.1098	.1048	-.1637
.200	-.0627	-.2599	-.2452	.2133	-.2605
.250	-.3110	-.3738	-.4439	.3439	-.3195
.300	-.2349	-.2205	-.1304	-.2735	-.1745

BETA (1) = .000 ALPHA (2) = .050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2777	-.2958	.6185	-.2056	-.4484
.020	-.0101	-.1049	-.1509	.0753	-.0678
.050	.0666	-.0926	-.1293	-.0925	-.1093
.100	.0626	-.0534	.0053	.0281	-.0608
.150	-.0377	-.1252	-.1165	-.1099	-.1708
.200	-.3487	-.2639	-.2401	-.2019	-.2502
.250	-.3103	-.3739	-.4337	.3184	-.3063
.300	-.2387	-.2219	-.1350	-.2783	-.1743

BETA (1) = .000 ALPHA (3) = 5.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2602	-.3714	.5505	-.2695	-.4982
.020	-.0485	-.1248	-.1694	.0362	-.1033
.050	.0981	-.1220	-.1448	-.1137	-.1276
.100	-.1127	-.0817	-.0046	.0080	-.0915
.150	-.1231	-.1438	-.1340	-.1267	-.1914
.200	-.3625	-.2830	-.2426	-.1932	-.2528
.250	-.3191	-.3894	-.4197	.2335	-.2873
.300	-.1242	-.2385	-.1335	-.2661	-.1648

BETA (1) = .000 ALPHA (4) = 10.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2490	-.4291	.6802	-.3189	-.5331
.020	-.0712	-.1410	-.1835	.0133	-.1453
.050	.1229	-.1374	-.1520	-.1355	-.1475
.100	-.1220	-.1046	-.0318	.0303	-.0936
.150	-.1434	-.1509	-.1330	-.1392	-.2061
.200	-.3316	-.2934	-.2424	-.1841	-.2607
.250	-.3434	-.4070	-.4026	-.2649	-.2635
.300	-.2655	-.2519	-.1246	-.2510	-.1541

DATE 22 OCT 75

CALCULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (QA69)

PAGE 370

(R00QV10)

B25C9G15M7F8W116E26V8R5X9 LEFT VERTICAL

SECTION 1 LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = .000	ALPHA (5) = 13.220	Z/BV X/CV	.158	.316	.600	.840	.925
.000	.2430	-.4563	.7017	-.3442	-.5464		
.020	-.0822	-.1503	-.1834	.0214	-.1655		
.050	-.1330	-.1443	-.1508	-.1453	-.1556		
.150	-.1474	-.1092	-.0319	-.0606	-.0887		
.300	-.1566	-.1662	-.1396	-.1428	-.2136		
.520	-.4083	-.3040	-.2330	-.1721	-.2541		
.650	-.3603	-.4150	-.3926	-.2493	-.2532		
.775	-.2762	-.2567	-.1203	-.2477	-.1488		

BETA (1) = .000	ALPHA (5) = 15.240	Z/BV X/CV	.158	.315	.600	.840	.925
.000	.2417	-.4573	.7186	-.3652	-.5517		
.020	-.0349	-.1670	-.1971	.0214	-.1907		
.050	-.1470	-.1590	-.1596	-.1646	-.1729		
.150	-.1572	-.1182	-.0369	-.0711	-.0915		
.300	-.1695	-.1734	-.1410	-.1459	-.2212		
.520	-.4412	-.3229	-.2349	-.1740	-.2578		
.650	-.4174	-.4431	-.3872	-.2363	-.2431		
.775	-.3411	-.2834	-.1135	-.2415	-.1462		

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 371

B26C9G15M7F8W116E26VBR5X9 LEFT VERTICAL (R00V11) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = 00.00 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = -40.000 RUDDER = .000
 BDFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9891	-.6686	.6401	-.5362	-.5760
.020	-1.5701	-.9553	-.8461	-1.1481	-.9723
.050	-.4329	-1.2177	-.9566	-.5779	-.5545
.150	-.4831	-1.0471	-1.2889	-.6604	-.5431
.300	-.3394	-.3384	-1.0538	-.5576	-.5464
.520	-.4575	-.3410	-.8084	-.4950	-.4508
.650	-.3833	-.4401	-.6874	-.4338	-.3483
.775	-.3376	-.2655	-.5734	-.4211	-.3583

BETA (1) = 10.060 ALPHA (2) = .030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0355	-.7200	.6356	-.5844	-.6617
.020	-1.6065	-.9585	-.8455	-1.1333	-.9409
.050	-.4498	-1.2445	-.9857	-.5739	-.5418
.150	-.4838	-1.0733	-1.2953	-.6509	-.5449
.300	-.3539	-.3003	-1.0935	-.5428	-.5041
.520	-.4232	-.3355	-.6847	-.4817	-.4508
.650	-.3670	-.4269	-.6870	-.4396	-.3638
.775	-.3236	-.2578	-.5528	-.4228	-.3539

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1212	-.8078	.6270	-.6678	-.7637
.020	-1.6373	-.9802	-.8545	-1.0897	-.8993
.050	-.4642	-1.2743	-.9898	-.5556	-.5091
.150	-.5373	-1.1134	-1.3207	-.7354	-.5412
.300	-.3813	-.2854	-1.1996	-.5503	-.4560
.520	-.4129	-.3476	-1.0115	-.4860	-.4359
.650	-.3762	-.4315	-.7101	-.4483	-.3814
.775	-.3451	-.2698	-.4934	-.4588	-.3340

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.2260	-.9068	.5988	-.7633	-.8151
.020	-1.4320	-.9891	-.8267	-1.0790	-.7945
.050	-.5406	-1.2810	-1.0295	-.5779	-.4924
.150	-.5685	-1.1518	-1.3219	-.7901	-.5381
.300	-.4377	-.3061	-1.4402	-.6023	-.4324
.520	-.4029	-.3498	-1.1293	-.5176	-.4139
.650	-.3859	-.3516	-.6236	-.4901	-.3715
.775	-.3726	-.2811	-.2685	-.5268	-.3402

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A69)

PAGE 372

(RQDV11)

025C9015M7F8W116E26V8P5X9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.3453	-.9725	.5733	-.8114	-.8461
.020	-1.5143	-.9936	-.8470	-1.1043	-.7023
.050	-.6946	-1.1046	-1.0960	-.6237	-.4893
.100	-.6480	-1.1382	-1.2895	-.8028	-.5427
.200	-.5243	-.7591	-1.6030	-.6807	-.4508
.300	-.6314	-.3539	-.9684	-.6206	-.4068
.400	-.5721	-.3194	-.4261	-.6404	-.3592
.500	-.5162	-.2735	-.1458	-.5974	-.3570

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.2953	-1.0683	.5447	-.8512	-.8892
.020	-1.6957	-1.1526	-.9596	-1.1488	-.6580
.050	-.7529	-.9561	-1.1905	-.6897	-.5058
.100	-.7412	-1.2424	-1.2147	-.7576	-.5355
.200	-.8401	-.4391	-1.5447	-.7510	-.4798
.300	-.8327	-.4439	-.9171	-.6952	-.4362
.400	-.7312	-.4190	-.4233	-.6727	-.3771
.500	-.6802	-.3386	-.1422	-.6401	-.3707

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 373

(RDQV12) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) LEFT VERTICAL

BETA (1) = -10.060 ALPHA (1) = -2.380

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1378	-1.1695	-.4103	-.3727	-1.6917
.020	.3234	.2959	.2021	.2581	.2503
.050	.3795	.3007	.2838	.2677	.2309
.150	.2772	.2314	.1643	.2048	.1670
.300	.1054	.0333	.0590	.0354	.0188
.520	-.1893	.0144	.1580	.0145	-.1339
.650	-.3496	-1.2824	-1.3125	-.7764	-.3095
.775	-.2489	-.4538	-.3398	-.0635	.0194

BETA (1) = -10.070 ALPHA (2) = .020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1723	-1.327	-.4247	-.3649	-1.7236
.020	.2430	.590	.1052	.1895	.2226
.050	.3543	.2667	.2429	.2320	.2072
.150	.2560	.2046	.1416	.1595	.1365
.300	.0899	.0717	.0416	.0232	.0022
.520	-.1905	-.0239	-.0542	-.0081	-.1081
.650	-.3461	-1.2596	-1.2607	-.7353	-.3004
.775	-.2438	-.4395	-.3201	-.0420	.0402

BETA (1) = -10.070 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.2985	-1.3470	-.4275	-.3489	-1.6827
.020	.2368	.1570	-.0277	.0819	.1827
.050	.3164	.2222	.1808	.1726	.1782
.150	.2294	.1717	.1067	.1222	.1042
.300	.0707	.0551	-.0116	-.0104	-.0208
.520	-.1849	-.0536	-.2057	-.0529	-.1112
.650	-.3371	-1.1991	-1.1406	-.6509	-.3213
.775	-.2365	-.4279	-.2844	-.0127	.0786

BETA (1) = -10.060 ALPHA (4) = 10.090

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.4192	-1.4150	-.4019	-.3334	-1.6273
.020	.1772	.0823	-.1359	-.0080	.1542
.050	.2780	.1788	.1205	.0960	.1614
.150	.2088	.1706	.0694	.1055	.1021
.300	.0662	.0445	-.0406	-.0273	-.0324
.520	-.1897	-.0701	-.2050	-.1003	-.1062
.650	-.3558	-1.1738	-1.0645	-.5697	-.3106
.775	-.2466	-.4413	-.2834	-.0198	.0938

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 RDFLAP = -14.250 BETA = -10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 374

(R00V12)

B26C9C15M7F8W116E26V8R5X9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (5) = 13.190

Z/BV X/ CV	.158	.316	.600	.840	.925
.000	-1.4750	-1.4568	-.3941	-.3028	-1.5040
.020	.1400	.0425	-.1920	-.0480	.1376
.050	.2538	.1676	.0797	.0469	.1559
.100	.2030	.1724	.0609	.0960	.1077
.300	.0732	.0395	-.0443	-.0327	-.0413
.520	-.1959	-.0754	-.2062	-.1080	-.1022
.650	-.3518	-.1489	-1.0021	-.5106	-.2747
.775	-.2508	-.4206	-.2714	-.0949	.1021

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/BV X/ CV	.158	.316	.600	.840	.925
.000	-1.3700	-1.3970	-.3383	-.2825	-1.3431
.020	.0697	.0261	-.2377	-.0788	.1249
.050	.1687	.1984	.0352	.0052	.1458
.100	.1337	.1046	.0533	.0814	.1098
.300	.0073	.0435	-.0314	-.0309	-.0395
.520	-.1968	-.0817	-.1990	-.1131	-.1096
.650	-.3382	-1.1103	-.9165	-.4631	-.2580
.775	-.2498	-.4234	-.2704	-.0829	.1082

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSUT TEST 711 (0A69)

PAGE 375

B26C9C15H7FBW116E26V8R5X9 LEFT VERTICAL

(R00V13) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
 LREF = 19.2300 INCHES YMRP = .0000 INCHES
 BREF = 37.9760 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1231	-.1923	.9117	.1994	-.2915
.020	-.2454	-.3538	-.4190	-.3347	-.2602
.050	-.0391	-.1177	-.1800	-.2812	-.2779
.100	-.0508	-.1431	-.2079	-.1523	-.0638
.200	-.1661	-.1972	-.2355	-.1964	-.1588
.300	-.3078	-.9144	-.2666	-.0419	-.3899
.400	-.3702	-1.3620	-.15934	-.7302	-.3844
.500	-.3119	-.4690	-.5323	-.3392	-.0671

BETA (1) = .000 ALPHA (2) = .050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1658	-.2395	.9162	.1872	-.3455
.020	-.2645	-.3586	-.4119	-.3354	-.2611
.050	-.0673	-.1293	-.2061	-.2980	-.2951
.100	-.0672	-.1501	-.2111	-.1505	-.0705
.200	-.1806	-.2043	-.2378	-.1988	-.1630
.300	-.3125	-.9249	-.9355	-.0535	-.3663
.400	-.3723	-1.3695	-.15415	-.7571	-.3656
.500	-.3114	-.4681	-.5182	-.3287	-.0683

BETA (1) = .000 ALPHA (3) = 5.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2223	-.3133	.9168	.1734	-.4341
.020	-.3127	-.3878	-.4000	-.3532	-.2024
.050	-.1000	-.1730	-.2446	-.3161	-.2947
.100	-.0943	-.1740	-.2316	-.1606	-.0839
.200	-.2043	-.2176	-.2441	-.2039	-.1605
.300	-.3180	-.9174	-.9036	-.1089	-.2741
.400	-.3613	-1.3234	-.14214	-.7471	-.3217
.500	-.3032	-.4442	-.4885	-.2969	-.0329

BETA (1) = .000 ALPHA (4) = 10.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2537	-.3061	.9230	.1676	-.5097
.020	-.3166	-.3857	-.3909	-.3412	-.2534
.050	-.1140	-.1464	-.2455	-.3041	-.2826
.100	-.1116	-.1841	-.2409	-.1594	-.0926
.200	-.2178	-.2236	-.2484	-.2105	-.1664
.300	-.3100	-.9058	-.8559	-.1333	-.1934
.400	-.3500	-1.2856	-.13278	-.6934	-.2597
.500	-.2951	-.4493	-.4611	-.2643	-.0102

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 376

(RDOV13)

R25C9G:5M7F8H11E25V8R5X9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Z/BV X/CV	.158	.316	.500	.840	.925
.000	-.2692	-.3836	.9189	.1630	-.5483
.020	-.3182	-.3946	-.3728	-.3464	-.2520
.050	-.1127	-.1549	-.2461	-.2875	-.2953
.100	-.1136	-.1840	-.2475	-.1593	-.0940
.150	-.2159	-.2210	-.2469	-.2137	-.1679
.200	-.3117	-.3086	-.8430	-.1861	-.1653
.250	-.3523	-.12724	-.12800	-.6571	-.2455
.775	-.2907	-.4567	-.4423	-.2440	.0338

BETA (1) = .000 ALPHA (6) = 16.240

Z/BV X/CV	.158	.316	.500	.840	.925
.000	-.2754	-.3956	.9189	.1645	-.5711
.020	-.3180	-.3913	-.3480	-.3534	-.2471
.050	-.1077	-.1563	-.2328	-.2767	-.2734
.100	-.1127	-.1820	-.2461	-.1637	-.0936
.150	-.2150	-.2161	-.2455	-.2129	-.1647
.200	-.3139	-.3115	-.8406	-.1936	-.1392
.250	-.3506	-.12677	-.12415	-.6403	-.2466
.775	-.2862	-.4512	-.4227	-.2299	.0465

DATE 12 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)

PAGE 377

PROCESSED FROM 110026VBR5X9 LEFT VERTICAL

(1000V14) (C3 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ FT. YMRP = 33.9480 INCHES
 LREF = 19.2100 INCHES YMRP = 10.000 INCHES
 GREF = 37.9300 INCHES ZMRP = 16.000 INCHES
 SCALE = 10.000 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BOFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = 10.050 ALPHA (1) = -2.970

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9328	-.9939	-.1611	-.6090	-.6510
.020	-1.2967	-1.4031	-1.2073	-1.1834	-1.1443
.050	-.9903	-1.0539	-.9831	-1.1137	-1.1179
.100	-.7350	-1.0926	-1.2324	-.6255	-.6185
.300	-.4221	-.6398	-1.3638	-.6930	-.7397
.520	-.4140	-1.1800	-.6557	-.5653	-.5656
.650	-.4077	-1.1468	-1.0781	-.6407	-.6000
.775	-.3774	-.4513	-.5755	-.4577	-.4522

BETA (1) = 10.060 ALPHA (2) = .030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.9884	-1.0379	-.1799	-.6734	-.7618
.020	-1.3385	-1.4251	-1.1881	-1.1271	-1.1813
.050	-1.0056	-1.0659	-.9933	-1.1740	-.8082
.100	-.7657	-1.1504	-1.2646	-.6081	-.5821
.300	-.4349	-.8870	-1.4627	-.7050	-.7193
.520	-.4135	-1.2505	-.9144	-.5492	-.5307
.650	-.4034	-1.1711	-1.0942	-.6322	-.5846
.775	-.3593	-.4322	-.5864	-.4491	-.4495

BETA (1) = 10.050 ALPHA (3) = 5.020

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0746	-1.1030	-.2151	-.7250	-.8443
.020	-1.3730	-1.4341	-1.0929	-1.0543	-1.2114
.050	-1.0067	-1.0683	-.9773	-1.1605	-.8288
.100	-.7451	-1.2289	-1.3392	-.6062	-.5534
.300	-.4588	-.6544	-1.4359	-.7350	-.7007
.520	-.4110	-1.5714	-.9379	-.5401	-.5168
.650	-.3789	-1.1367	-1.0208	-.6171	-.5319
.775	-.3226	-.3690	-.5623	-.4565	-.4469

BETA (1) = 10.050 ALPHA (4) = 10.120

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.0982	-1.1268	-.2217	-.7250	-.8748
.020	-1.3007	-1.4611	-1.0008	-1.1113	-1.1443
.050	-.6851	-1.0547	-.9379	-1.1275	-.8101
.100	-.4807	-1.2939	-1.4662	-.7064	-.5535
.300	-.4785	-.5352	-1.2566	-.6554	-.6671
.520	-.3836	-1.5511	-1.1526	-.5254	-.4871
.650	-.3462	-.9092	-1.0657	-.6474	-.5302
.775	-.3440	-.2856	-.6737	-.4665	-.4563

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 378

B26C9G15M7F8M116E26V8R5X3 LEFT VERTICAL

(RDQV14)

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.1948	-1.1737	-.2647	-.7585	-.8818
.020	-1.3503	-1.5074	-1.0339	-1.1433	-1.0763
.050	-.9518	-1.0513	-.9579	-1.1122	-.7971
.150	-.5896	-1.3398	-1.4275	-.7324	-.6003
.300	-.5366	-.4997	-1.3398	-.7032	-.6430
.520	-.4702	-1.4161	-1.3210	-.5939	-.4848
.650	-.4553	-.7253	-1.0041	-.6577	-.5285
.775	-.3991	-.3199	-.6161	-.4898	-.4447

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-1.2081	-1.2263	-.3032	-.7965	-.8852
.020	-1.2178	-1.4056	-1.0907	-1.1470	-.9925
.050	-.6507	-1.1012	-1.0826	-1.0887	-.7665
.150	-.6898	-1.3312	-1.4169	-.7389	-.6369
.300	-.6937	-.4813	-1.3946	-.7543	-.6334
.520	-.7081	-1.3302	-1.3754	-.6472	-.4816
.650	-.6438	-.7591	-.9103	-.7604	-.5208
.775	-.4262	-.3565	-.6377	-.4809	-.4533

TABULATED PRESSURE DATA FOR URLAD LSMT TEST 711 (0A69)

(RDOV15)

B26C9G15M7F8W116E26V8R5X9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = -10.050 ALPHA (5) = 13.190

Z/8V X/CV	.158	.316	.600	.840	.925
.000	-1.4778	-1.5007	-.5034	-.3295	-1.1306
.020	.1332	.1415	-.1216	-.2844	.0473
.050	.2614	.1617	.0670	.1025	.0653
.150	.1620	.1850	.0942	.0962	.0487
.300	.0842	.0511	-.0169	-.0297	-.0604
.520	-.1722	-.2125	-.0936	-.2734	-.1959
.650	-.3406	-.5092	-.4146	-.2694	.0120
.775	-.2290	-.2746	-.3011	-.2445	-.2460

BETA (1) = -10.050 ALPHA (6) = 16.220

Z/8V X/CV	.158	.316	.600	.840	.925
.000	-1.3923	-1.4544	-.4452	-.2837	-1.0439
.020	.0781	.1212	-.1536	-.3353	.0411
.050	.1840	.2035	.0342	.0814	.0632
.150	.1239	.1776	.0911	.0803	.0523
.300	.0294	.0545	-.0104	.0338	-.0447
.520	-.1795	-.1980	-.0913	-.2567	-.1897
.650	-.3247	-.4912	-.3933	-.2364	.0293
.775	-.2366	-.2581	-.2892	-.2250	.2336

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 7:11 (0A69)

(R00V16) (03 OCT 75)

PAGE 381

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0425 SCALE

SECTION (1) LEFT VERTICAL

BETA (1) = -.010 ALPHA (1) = -2.950

DEPENDENT VARIABLE CP

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1294	-.1942	.8715	.0278	-.4826
.020	-.2239	-.2493	-.2908	-.2863	-.2852
.050	-.0342	-.1018	-.1586	-.0818	-.1058
.150	-.0955	-.1112	-.1218	-.0860	-.1284
.300	-.1512	-.1682	-.1932	-.2059	-.1839
.520	-.2964	-.4148	-.2827	-.5930	-.3442
.650	-.3548	-.6532	-.6609	-.4089	-.1632
.775	-.2712	-.3430	-.4198	-.3245	-.2530

BETA (1) = .000 ALPHA (2) = .050

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.1676	-.2361	.8595	.0237	-.5317
.020	-.2500	-.2628	-.2961	-.2892	-.2783
.050	-.0609	-.1087	-.1765	-.0957	-.1138
.150	-.1198	-.1257	-.1293	-.0994	-.1370
.300	-.1680	-.1794	-.1930	-.2048	-.1915
.520	-.3007	-.4113	-.2735	-.5594	-.3245
.650	-.3556	-.6488	-.6322	-.3985	-.1790
.775	-.2725	-.3355	-.4215	-.3111	-.2323

BETA (1) = .000 ALPHA (3) = 5.030

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2227	-.3015	.8718	.0213	-.5925
.020	-.2934	-.2781	-.3033	-.2941	-.2600
.050	-.0951	-.1200	-.1704	-.1082	-.1227
.150	-.1537	-.1486	-.1428	-.1175	-.1493
.300	-.1910	-.1954	-.2098	-.2056	-.1947
.520	-.3055	-.4089	-.2725	-.5061	-.2924
.650	-.3509	-.6435	-.6010	-.3644	-.1809
.775	-.2661	-.3247	-.3934	-.2858	-.1954

BETA (1) = .000 ALPHA (4) = 10.100

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2535	-.3453	.8584	.0238	-.6383
.020	-.3017	-.2694	-.3103	-.3087	-.2519
.050	-.1103	-.1483	-.1797	-.1196	-.1363
.150	-.1694	-.1581	-.1541	-.1270	-.1547
.300	-.2049	-.2025	-.2185	-.1999	-.1959
.520	-.3003	-.3404	-.2342	-.4553	-.2620
.650	-.3388	-.6303	-.5057	-.3150	-.1548
.775	-.2637	-.3116	-.3654	-.2582	-.1690

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
BDFLAP = -14.250 BETA = .000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 382

(R00V16)

B2EC9015M7F8W116E26V8R5X9 LEFT VERTICAL

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL

BETA (1) = .000 ALPHA (5) = 13.220

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2673	-.3621	.8572	.0237	-.6666
.020	-.3014	-.2675	-.3216	-.3142	-.2564
.050	-.1133	-.1597	-.1754	-.1269	-.1407
.150	-.1721	-.1592	-.1522	-.1297	-.1517
.300	-.2055	-.1566	-.2233	-.1552	-.1913
.520	-.3060	-.3372	-.2489	-.4353	-.2515
.650	-.3456	-.6309	-.4712	-.2563	-.1499
.775	-.2598	-.3012	-.3495	-.2401	-.1582

BETA (1) = .000 ALPHA (6) = 16.240

Z/BV X/CV	.158	.316	.600	.840	.925
.000	-.2737	-.3757	.8419	.0197	-.7064
.020	-.2945	-.2552	-.3225	-.3057	-.2556
.050	-.1030	-.1534	-.1634	-.1359	-.1496
.150	-.1725	-.1599	-.1525	-.1377	-.1579
.300	-.2045	-.1962	-.2270	-.1678	-.1926
.520	-.2964	-.3811	-.2314	-.4039	-.2341
.650	-.3550	-.6340	-.4500	-.2684	-.1473
.775	-.2505	-.2919	-.3426	-.2320	-.1519

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

8250901547F8W116E26V8R5X9 LEFT VERTICAL

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33 9480 INCHES
 LREF = 19.2300 INCHES YMRP = 3000 INCHES
 BREF = 37.9360 INCHES ZMRP = 16 2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BDFLAP = -14.250 BETA = 10.000

DEPENDENT VARIABLE CP

SECTION (1) LEFT VERTICAL	BETA (1) = 10.050	ALPHA (1) = -2.970	Z/BV X/CV	.158	.316	.600	.840	.925
			.000	-.8638	-.8809	.2546	-.1448	-.3769
			.020	-1.2615	-1.1929	-1.3194	-.9843	-1.1277
			.050	-1.0577	-1.0207	-.8945	-1.0328	-.6706
			.150	-.4506	-1.1100	-1.4757	-.6771	-.5769
			.300	-.4084	-.8312	-1.5571	-.7358	-.6946
			.520	-.3998	-.5585	-.7893	-.6146	-.5798
			.650	-.3935	-.6593	-.6470	-.6090	-.4469
			.775	-.3581	-.3591	-.4887	-.6235	-.4193
BETA (1) = 10.060	ALPHA (2) = .030		Z/BV X/CV	.158	.316	.600	.840	.925
			.000	-.8885	-.8814	.3023	-.0936	-.4220
			.020	-1.2959	-1.2055	-1.2895	-.8980	-1.0461
			.050	-1.0835	-1.0235	-.8854	-1.0901	-.6793
			.150	-.4814	-1.1534	-1.5226	-.6882	-.5631
			.300	-.4237	-.8337	-1.5207	-.7137	-.6674
			.520	-.3980	-.5115	-.7826	-.6100	-.5642
			.650	-.3817	-.6230	-.6555	-.6332	-.4234
			.775	-.3459	-.3229	-.4794	-.6508	-.4151
BETA (1) = 10.050	ALPHA (3) = 5.020		Z/BV X/CV	.158	.316	.600	.840	.925
			.000	-.9769	-.9538	.2382	-.0103	-.4868
			.020	-1.3348	-1.2306	-1.1842	-.8183	-.9185
			.050	-1.1228	-1.0325	-.9827	-1.858	-.7575
			.150	-.5322	-1.2624	-1.5954	-.7089	-.5599
			.300	-.4433	-.7611	-1.3735	-.7035	-.6404
			.520	-.3885	-.4523	-.9473	-.5973	-.5198
			.650	-.3575	-.5559	-.7296	-.5703	-.3891
			.775	-.3005	-.2925	-.5016	-.6708	-.4031
BETA (1) = 10.050	ALPHA (4) = 10.120		Z/BV X/CV	.158	.316	.600	.840	.925
			.000	-1.0150	-1.0182	.1713	-.0458	-.5795
			.020	-1.2752	-1.2236	-1.0187	-.8672	-.8606
			.050	-.9609	-1.0468	-.9415	-1.2860	-.8175
			.150	-.5888	-1.3335	-1.5289	-.7420	-.5567
			.300	-.4636	-.4706	-1.2163	-.6186	-.5890
			.520	-.3667	-.4020	-1.1093	-.5667	-.4910
			.650	-.3249	-.3989	-.8974	-.5319	-.3816
			.775	-.3185	-.3179	-.7158	-.6182	-.3837

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 384

(RDOV17)

B26C9G15M7F8W116E26V8R5X9 LEFT VERTICAL

SECTION (1) LEFT VERTICAL

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (5) = 13.190

Z/BV X/CO	.158	.416	.600	.840	.925
.000	-1.1419	-1.0577	.1219	-.0631	-.6153
.020	-1.3135	-1.2672	-1.0507	-.9274	-.8187
.050	-.9985	-1.0467	-.9146	-1.2846	-.8224
.150	-.7027	-1.3799	-1.4208	-.7578	-.5946
.300	-.5234	-.3967	-1.2605	-.6446	-.5358
.520	-.4883	-.3631	-1.0616	-.6271	-.4781
.650	-.4290	-.3221	-.7805	-.6475	-.3756
.775	-.3966	-.3024	-.6074	-.7637	-.3038

BETA (1) = 10.050 ALPHA (6) = 16.220

Z/BV X/CO	.158	.316	.600	.840	.925
.000	-1.1148	-1.1499	-.0852	-.0857	-.6443
.020	-1.1423	-1.2660	-1.0982	-.9326	-.7751
.050	-.7292	-1.1136	-1.0373	-1.2089	-.7335
.150	-.7505	-1.3381	-1.3500	-.7114	-.5981
.300	-.8655	-.3928	-1.2835	-.7245	-.5108
.520	-.7156	-.4008	-.9659	-.7370	-.4519
.650	-.6231	-.4336	-.6958	-.7494	-.3764
.775	-.4545	-.2734	-.6032	-.7973	-.3940

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0469)
BPS00015MTEBWI15E25V8R5X9 RIGHT UPPER WING

PAGE 385

(ROOM:2) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9500 INCHES
LREF = 19.2300 INCHES YMRP = 0.00 INCHES
RREF = 37.9300 INCHES ZMRP = 16.2000 INCHES
SCALE = .0425 SCALE

SECTION (1) RIGHT UPPER WING

BETA (1) = -10.060 ALPHA (1) = -2.980

PARAMETRIC DATA

ELEVON = .000 RUDDER = 15.000
BOFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

X/BW X/C4	.299	.352	.405	.534	.673	.780	.887
.000	-.1274	-.4416	-.1842	-.6559	-.9835	-.2252	-.7076
.020			.0461	-.0921	-.0792	-.3835	-.3209
.050				-.0587	-.0600	-.1168	-.2070
.075				-.0995			
.100	-.0572	.0362					
.125				-.1688	-.2801	-.3028	-.0977
.150				-.1654			
.175	-.0251						
.200		-.0684					
.225	.0050			-.3464	-.3590	-.3691	-.3872
.250				-.3064	-.3255		-.5442
.275				-.2919			
.300	-.2500						
.325				-.2228	-.2663		
.350				-.1942			
.375						-.1755	-.2831
.400	-.1084						
.425				-.1457	-.1674		
.450						.0086	-.0793
.475				-.1285	-.0935		
.500				-.1468			
.525	-.0876			-.1071	-.0759	-.0396	
.550				-.0602			
.575	-.1321						.0433
.600	-.0786			-.0962			
.625				-.0704			
.650				-.0271	.0037	.2590	
.675				-.1197			
.700	-.0655						

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

SECTION 1, RIGHT UPPER WING

$\beta = -0.060$ ALPHA (4) = 10.090

(RQW12)

DEPENDENT VARIABLE CO

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BETA ( 1 ) = -10.060 ALPHA ( 4 ) = 10.090
Y/YC
.550
.574
.600
.650
.675
.695
.750
.783
.775
.810
.831
.850
.857
.854
.898
.900
.905
.900
.952
.950
.950
Y/YC
.600
.620
.650
.662
.690
.688
.650
.695
.620
.650
.558
.500
.431
.432
.550
.600
.650
.695

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DATE 22 OCT 75

TABULATED PRESSURE DATA FOR N74D LSMT TEST 711 (0459)

PAGE 391

B25C30154TFB116E26VBR5X9 RIGHT UPPER WING (R00413) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ FT. XMRP = 33.9400 INCHES
 LREF = 19.2300 INCHES YMRP = 20.00 INCHES
 BRREF = 37.9300 INCHES ZMRP = 16.00 INCHES
 SCALE = 10405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
 BOFLAP = -14.250 BETA = .000

SECTION (1) RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = -.010 ALPHA (1) = -2.950

Y/BW X/CW	.239	.352	.405	.534	.673	.780	.887
.000	-.1095	-.6353	-.2809	-.5075	-.7674	-.2504	-.5347
.020			.1625	.2357	.1060	-.1061	-.9924
.040				.0229	.0044	-.0297	-.1034
.060		.1089	-.0604				
.080	-.0147						
.100			-.1756	-.2500	-.2859	-.0727	
.120	.0103	-.0385	-.1445				
.140	.0459			-.3452	-.3676	-.3841	-.3778
.160			-.2503	-.2717	-.3203		-.4255
.180	-.2176			-.1757	-.2362		
.200			-.1307			-.1566	-.2692
.220	-.0534				-.1366		
.240				-.1042		.0268	-.0492
.260			-.0587		-.1218	-.0753	
.280			-.1110				
.300	-.0638			-.0752	-.0472	-.0193	
.320			-.0338				
.340	-.1036						.0822
.360	-.0507		-.0809	-.0524			
.380			.0475	.0150	.2899		
.400			-.1033				
.420	-.0469						

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)
B2EC9G:5M7FBW116E26V8R5X9 RIGHT UPPER WING

PAGE 392

(R00H13)

SECTION (1) RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (2) = .050

Y/CW	Y/BW	.299	.352	.405	.534	.673	.780	.887
.000								
.020		-.0581	-.5329	-.1525	-.1957	-.1732	.2829	-.0934
.050				-.0146	-.0018	-.0255	-.0940	-.1144
.052					-.2442	-.2333	-.2853	-.3367
.060			.0278	-.2593				
.088		-.0442			-.3465	-.4182	-.5042	-.2620
.150				-.2811				
.195		-.0630	-.1714					
.222								
.240					-.4760	-.5137	-.5422	-.5344
.250		-.0211			-.3399	-.4029		-.4120
.358				-.3102				
.400		-.2962		-.1559	-.2085	-.2587		-.2957
.431							-.1632	
.492								
.550								
.574								
.600		-.0710				-.1513		
.655								
.700								
.725								
.750				-.0689	-.1146	-.0794	-.0011	-.0661
.753				-.1004				
.775								
.810		-.0615			-.0758	-.0507	-.0262	
.831								
.850								
.854		-.1040						
.854		-.0491			-.0521			.0788
.895								
.900					.0334	.0114	.2423	
.905								
.950					-.1044			
.952								
.966		-.0414						
Y/BW	Y/CW	.299	.352	.405	.534	.673	.780	.887
.000								
.020		-.1581	-.7181	-.5227	-.1015	.0555	.4036	-.2299
.050				-.5062	-.8146	-.8439	-.8591	-.8350
.052					-.8771	-.8811	-.9426	-.9719
.052				-.6486				
.080		-.2011						
.088								
.150		-.1490			-.6656	-.7536	-.9605	-.6493
.195				-.5271				
.222		-.2019						

BETA (1) = .000 ALPHA (3) = 5.030

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

B36C9315M7F8W116E26V8R5X9 RIGHT UPPER WING

(RDQW13)

SECTION (1) RIGHT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (3) = 5.030

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240							
.250							
.358							
.400							
.431							
.432							
.550							
.574							
.600							
.610							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.853							
.854							
.864							
.898							
.903							
.905							
.950							
.952							
.966							
.299	.299	.352	.405	.534	.673	.780	.887
.3011	-.3011	-.9288	-1.4691	-.7581	-.7329	-.5006	-1.0968
.020							
.050							
.052							
.080							
.098							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.299	.299	.352	.405	.534	.673	.780	.887
.3011	-.3011	-.9288	-1.4691	-.7581	-.7329	-.5006	-1.0968
.020							
.050							
.052							
.080							
.098							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							

BETA (1) = .000 ALPHA (4) = 10.100

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.098							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.299	.299	.352	.405	.534	.673	.780	.887
.3011	-.3011	-.9288	-1.4691	-.7581	-.7329	-.5006	-1.0968
.020							
.050							
.052							
.080							
.098							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (OAB9)

PAGE 395

B26C9G1547F84116E25V8R5X9 RIGHT UPPER WING

(RDOW13)

SECTION (1) RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.864							
.898							
.900							
.905							
.950							
.952							
.966							

BETA (1) = .000 ALPHA (6) = 16.240

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.635							
.700							
.725							
.750							
.763							
.775							
.810							
.831							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 396

B25C9G15M7F8W116E26V8R5X9 RIGHT UPPER WING (ROQW13)

SECTION (1) RIGHT UPPER WING

BETA (1) = .000 ALPHA (6) = 16.240

DEPENDENT VARIABLE CP

Y/BW	.352	.405	.534	.673	.780	.887
X/CW	.299	-.0272	-.2549	-.0802	-.4077	
.850						
.854						
.859	-.1186					
.863	-.0446					
.900						
.905						
.950		-.0235				
.952		-.1028		-.0447		-.7036
.956		-.0676				
	-.0073					

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSWT TEST 711 (0A69)
B25C9G15M7F8115E26V25X9 RIGHT UPPER WING

PAGE 397
(RDCM14) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9590 INCHES
LREF = 19.2300 INCHES YMRP = .0000 INCHES
BREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
SCALE = .0405 SCALE

SECTION (1) RIGHT UPPER WING

BETA (1) = 10.050 ALPHA (1) = -2.970

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.3318	-.8043	-.4390	-.3478	-.5841	-.2074	-.2608
.020			.3073	.3856	.3318	.2383	.2058
.050				.1130	.1327	.0555	-.0236
.080		.2120	.0219				
.100	.0820						
.150			-.0905	-.1603	-.1828	-.2907	-.1234
.195	.0865						
.240		.0223					
.250	.1260			-.3147	-.3698	-.4052	-.4377
.358				-.2165	-.3012		-.3133
.400			-.1679				
.431	-.11491						
.492			-.0416				
.550						-.1213	-.2878
.574							
.600							
.630	.0311			-.0385	-.0898		
.695						.0324	-.0609
.720			.0073				
.725			-.0529	-.0696	-.0451		
.750							
.763							
.775							
.810	-.0399			-.0351	-.0200	-.0158	
.831			.0014				
.850							
.854							
.864	-.0314						
.888	-.0127						
.900							
.915			-.0521	-.0283			.0886
.950							
.952			-.1026	.0627	.0115	.2816	
.955	-.0445						

PARAMETRIC DATA

ELEVON = .000 RUDDER = -15.000
BDFLAP = -14.250 BETA = 10.000

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

PAGE 398

B26C50:5M7F8W:16E2SV8R5X9 RIGHT UPPER WING

(R00W14)

SECTION (1) RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.060 ALPHA (2) = .030

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.0725	-.4756	.0825	.0237	.0220	.3164	.1395
.020			.1499	.1794	.1625	.1279	.1082
.050				-.1612	-.1642	-.2470	-.3200
.080		.1417					
.150	.0607			-.3356	-.3664	-.5231	-.3432
.195			-.2174				
.222	.0127	-.1051					
.240							
.250				-.4517	-.5221	-.5899	-.6405
.358	.0586			-.2803	-.3921		-.4110
.400			-.2209				
.431	-.2185			-.1410	-.2157		
.492			-.0620				-.3278
.550							
.574							
.600							
.650							
.695	.0203						
.700				-.0435	-.1097		
.725						.0143	-.0810
.750			.0050	-.0630	-.0481		
.763			-.0388				
.775							
.810	-.0281			-.0330	-.0235	-.0256	
.831							.0728
.850							
.854			.0080				
.864	-.0344						
.899	-.0026						
.900							
.925			-.0382	-.0213			
.950			-.0961	.0573	.0094	.2530	
.952							
.956	-.0166						

BETA (1) = 10.050 ALPHA (3) = 5.020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	.0642	-.4200	-.0688	.2037	.3242	.5027	.0471
.020			-.2937	-.6001	-.7014	-.7005	-.6756
.050				-.8507	-.8502	-.9594	-.10107
.052			-.5504				
.080		-.1064					
.088	-.0184						
.150			-.6568	-.7503	-.9940	-.7705	
.195			-.4565				
.222	-.1265						

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

R0503315M7F6W115E2GV8R5X9 RIGHT UPPER WING (ROOM14)

SECTION (1) RIGHT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = 10.050	ALPHA (3) = 5.020	Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
		.240		-.3480					
		.250							
		.358	-.0682			-.6731	-.8136	-.9144	-.9680
		.400							
		.431			-.2944	-.3763	-.4944		-.6129
		.492	-.3374						
		.550							
		.574				-.1761	-.2770		
		.600			-.1006				
		.650						-.1738	-.4721
		.695	.0129						
		.700					-.1328		
		.725				-.0511			
		.750			-.0176			-.0382	-.1318
		.763				-.0503	-.0480		
		.775			-.0236				
		.810							
		.831	.0096			-.0339	-.0305	-.0537	
		.850			.0491				
		.854							
		.864	-.0221						
		.898	.0391						
		.900				-.0178			.0242
		.905			.0146				
		.950			-.0565	.0290	.0058	.1898	
		.952							
		.966	.0453						
BETA (1) = 10.050	ALPHA (4) = 10.120	Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
		.000							
		.020			-.8531	-.3900	-.3709	-.2648	-.7707
		.050	-.0444	-.6925	-.9158	-.17379	-2.1914	-2.2226	-2.6146
		.052				-.16879	-1.8363	-1.9511	-1.8442
		.080			-.9571				
		.088							
		.150	-.1424						
		.195			-.7077	-.10062	-1.2029	-1.5152	-1.0605
		.222	-.2793						
		.240		-.5550					
		.250				-.8581	-1.0488	-1.1619	-1.2293
		.358	-.2187						
		.400				-.4199	-.5720		-.9476
		.431			-.4050				
		.432	-.5463						

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (CA69)

PAGE 400

B26C90:547F8W1:6E26V8P5X9 RIGHT UPPER WING

(R00H14)

SECTION (1) FLIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (4) = 10.120

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.899							
.900							
.905							
.910							
.952							
.966							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.1313							
.9778							
.16515							
.13201							
.25246							
.21282							
.11108							
.5159							
.2477							
.5752							
.8112							
.4008							
.5238							
.4574							
.5109							
.8243							
.2836							
.3368							
.7019							
.3632							
.2894							
.2501							

BETA (1) = 10.050 ALPHA (5) = 13.190

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.899							
.900							
.905							
.910							
.952							
.966							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.1313							
.9778							
.16515							
.13201							
.25246							
.21282							
.11108							
.5159							
.2477							
.5752							
.8112							
.4008							
.5238							
.4574							
.5109							
.8243							
.2836							
.3368							
.7019							
.3632							
.2894							
.2501							

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402

(R00014)

DECEMBER 1964

MB/1
N/1

.405	.534	.673	.780	.887
.0565	-.1836	-.1731	-.7327	
				-.5773
.0550	-.1627			
	-.0736	.0331	-.5977	
-.0440				

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSHT TEST 711 (0A69)

PAGE 403
(R00H15) (03 OCT 75)

REFERENCE DATA

SREF = 4.4120 SQ.FT. XMRP = 33.9500 INCHES
LREF = 19.2300 INCHES YMRP = 100.00 INCHES
BREF = 37.9350 INCHES ZMRP = 10.0000 INCHES
SCALE = 10000 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
BDFLAP = -14.250 BETA = -10.000

DEPENDENT VARIABLE CP

BETA (1)	-10.060	ALPHA (1)	-2.980	Y/94 X/CM	.299	.352	.405	.534	.673	.780	.887
1.000				.000	-.1274	-.4416	-.1842	-.6559	-.9835	-.2252	-.7076
1.020				.020			.0461	.0321	-.0792	-.3835	-.3209
1.050				.050				-.0597	-.0600	-.1168	-.2070
1.080				.080		.0362	-.0995				
1.100				.100	-.0672			-.1898	-.2801	-.3028	-.0977
1.150				.150			-.1664				
1.195				.195	-.0251	-.0684		-.3464	-.3590	-.3691	-.3872
1.240				.240				-.3064	-.3255		-.5442
1.250				.250	.0050		-.2919				
1.300				.300	-.2500		-.1942	-.2228	-.2663		-.2831
1.331				.331						-.1755	
1.350				.350	-.1084			-.1457			
1.395				.395				-.1563	-.0935	.0086	-.0793
1.400				.400			-.1042				
1.425				.425			-.1438				
1.463				.463	-.0885			-.1071	-.0759	-.0396	
1.475				.475			-.0524				
1.510				.510							
1.531				.531	-.1669			-.0704			.0433
1.550				.550	-.0825		-.0942	.0271	.0037	.2590	
1.594				.594			-.1176				
1.600				.600	-.0672						
1.632				.632							
1.660				.660							
1.690				.690							
1.700				.700							
1.720				.720							
1.740				.740							
1.760				.760							
1.780				.780							
1.800				.800							
1.820				.820							
1.840				.840							
1.860				.860							
1.880				.880							
1.900				.900							
1.920				.920							
1.940				.940							
1.960				.960							
1.980				.980							
2.000				1.000							

REPRODUCIBILITY OF THE
ORIGINAL PAGE IS AS SHOWN

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSAT TEST 711 (OAS9)

PAGE 405

DESCENDENT 77FBW11E2GVSX9 RIGHT UPPER WING

(R00H15)

SECTION 1 : RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = -10.070 ALPHA (3) = 5.020

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240							
.250							
.358							
.400							
.431							
.442							
.560							
.574							
.600							
.650							
.675							
.700							
.750							
.775							
.810							
.840							
.854							
.884							
.900							
.905							
.910							
.912							
.942							
.966							
.299							
.3722							
.400							
.430							
.452							
.480							
.509							
.530							
.540							
.568							
.600							
.631							
.692							

BETA (1) = -10.060 ALPHA (4) = 10.090

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240							
.250							
.358							
.400							
.431							
.442							
.560							
.574							
.600							
.650							
.675							
.700							
.750							
.775							
.810							
.840							
.854							
.884							
.900							
.905							
.910							
.912							
.942							
.966							
.299							
.3722							
.400							
.430							
.452							
.480							
.509							
.530							
.540							
.568							
.600							
.631							
.692							

DATE 22 OCT 75

TUBULATED PRESSURE DATA FOR NRLAD LSHT TEST 711 (0A69)

PAGE 406

B2PC9C:5W7F8W116F26V8R5X3 RIGHT UPPER WING

(R)QW15)

SECTION (1) RIGHT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = -10.060 ALPHA (4) = 10.090

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.854							
.898							
.900							
.905							
.950							
.952							
.956							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.000							
.020							
.050							
.052							
.080							
.093							
.150							
.195							
.222							
.250							
.250							
.358							
.400							
.431							
.432							
.550							
.574							
.600							
.650							
.683							
.700							

BETA (1) = -10.060 ALPHA (5) = 13.190

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.093							
.150							
.195							
.222							
.250							
.250							
.358							
.400							
.431							
.432							
.550							
.574							
.600							
.650							
.683							
.700							

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 7:1 (0A69)

PAGE 407

SECTION 1: RIGHT UPPER WING

BETA (1) = -10.050 ALPHA (5) = 13.130

226C9015M75F8W116E26V8R5X9 RIGHT UPPER WING

(RDQW15)

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.025				-.4850			
.050						-.1405	-.5306
.075							
.100							
.125							
.150							
.175							
.200							
.225							
.250							
.275							
.300							
.325							
.350							
.375							
.400							
.425							
.450							
.475							
.500							
.525							
.550							
.575							
.600							
.625							
.650							
.675							
.700							
.725							
.750							
.775							
.800							
.825							
.850							
.875							
.900							
.925							
.950							
.975							
.999							

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.040							
.060							
.080							
.100							
.120							
.140							
.160							
.180							
.200							
.220							
.240							
.260							
.280							
.300							
.320							
.340							
.360							
.380							
.400							
.420							
.440							
.460							
.480							
.500							
.520							
.540							
.560							
.580							
.600							
.620							
.640							
.660							
.680							
.700							
.720							
.740							
.760							
.780							
.800							
.820							
.840							
.860							
.880							
.900							
.920							
.940							
.960							
.980							
.999							

DATE 22 OCT 75

TABLED PRESSURE DATA FOR NPLAD LSWT TEST 711 (OAS9)

PAGE 408

B2E23G:5M7F6W115E26V6R5X9 RIGH* UPPER WING

(ROQW!5)

SECTION, RIGHT UPPER WING

DEPENDENT VARIABLE CP

8E7A (1) = -10.050 ALPHA (6) = 16.220

[illegible]

REFERENCE DATA				PARAMETRIC DATA			
SREF	4.4120 SQ.FT.	XMRP	33.9580 INCHES	ELEVON	.000	RUDDER	-7.500
LREF	19.2300 INCHES	YMRP	0.000 INCHES	BOFLAP	-14.250	BETA	.000
BREF	37.9360 INCHES	ZMRP	16.2000 INCHES				
SCALE	.3405 SCALE						
SECTION (1) RIGHT UPPER WING				DEPENDENT VARIABLE CP			
BETA (1)	- 0.0	ALPHA (1)	-2.950	Y/BW	X/CW		
				.000	.000	.299	.352
				.020	.000	-.1095	-.6353
				.050	.000	-.1095	-.6353
				.052	.000	-.1095	-.6353
				.090	.000	-.1095	-.6353
				.098	.000	-.1095	-.6353
				.150	.000	-.1095	-.6353
				.195	.000	-.1095	-.6353
				.222	.000	-.1095	-.6353
				.240	.000	-.1095	-.6353
				.250	.000	-.1095	-.6353
				.358	.000	-.1095	-.6353
				.400	.000	-.1095	-.6353
				.431	.000	-.1095	-.6353
				.492	.000	-.1095	-.6353
				.550	.000	-.1095	-.6353
				.574	.000	-.1095	-.6353
				.600	.000	-.1095	-.6353
				.650	.000	-.1095	-.6353
				.695	.000	-.1095	-.6353
				.700	.000	-.1095	-.6353
				.725	.000	-.1095	-.6353
				.750	.000	-.1095	-.6353
				.763	.000	-.1095	-.6353
				.775	.000	-.1095	-.6353
				.810	.000	-.1095	-.6353
				.831	.000	-.1095	-.6353
				.850	.000	-.1095	-.6353
				.854	.000	-.1095	-.6353
				.864	.000	-.1095	-.6353
				.898	.000	-.1095	-.6353
				.900	.000	-.1095	-.6353
				.905	.000	-.1095	-.6353
				.930	.000	-.1095	-.6353
				.952	.000	-.1095	-.6353
				.966	.000	-.1095	-.6353
						-.0147	.1089
						-.0103	-.0386
						.0459	
						-.2176	
						-.1307	
						-.1757	-.2362
						-.3452	-.3676
						-.2717	-.3203
						-.3452	-.3676
						-.3841	-.3778
						-.4255	
						-.1566	-.2692
						-.1042	
						-.0538	
						-.1218	-.0753
						-.0752	-.0472
						-.0367	
						-.1536	
						-.0547	
						-.0660	
						.0475	.0150
						-.1038	
						-.0383	
						.0822	
						.0268	-.0492
						-.0193	
						.2899	

REPRODUCIBILITY OF THE
 ORIGINAL PAGE IS POOR

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)
B26C9015M7F8W116E26V8R5X9 RIGHT UPPER WING

PAGE 410

(RQW16)

DEPENDENT VARIABLE CP

SECTION (1) RIGHT UPPER WING

BETA (1) = .000 ALPHA (2) = .050

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.0591	-.5329	-.1525	-.1957	-.1732	.2829	-.0934
.050			-.0146	.0018	-.0255	-.0940	-.1144
.052				-.2442	-.2333	-.2853	-.3367
.080			-.2593				
.088	-.0442	.0278		-.3465	-.4182	-.5042	-.2620
.150			-.2811				
.195	-.0630	-.1714					
.222				-.4760	-.5137	-.5422	-.5344
.240				-.3399	-.4029		-.4120
.250	-.0201						
.359			-.3102				
.400	-.2962		-.1559	-.2085	-.2587		-.2957
.431						-.1632	
.452							
.530	-.0710			-.1104	-.1513	-.0011	-.0661
.574			-.0626	-.1146	-.0794		
.600			-.0982				
.650	-.0617		-.0412	-.0758	-.0507	-.0262	
.655							
.664	-.1644						
.699	-.0539			-.0521			.0788
.900			-.0555	.0334	.0114	.2423	
.905			-.1050				
.952	-.0344						
.966							
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.1581	-.7181	-.5227	-.1015	.0555	.4036	-.2299
.050			-.5062	-.8146	-.8438	-.8591	-.8350
.052				-.8771	-.8811	-.9426	-.9719
.080			-.6486				
.088	-.1490	-.2011					
.150				-.6656	-.7536	-.9605	-.6493
.195			-.5271				
.222	-.2019						

BETA (1) = .000 ALPHA (3) = 5.030

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NPLAD LSMT TEST 711 (0A69)

PAGE 412

B2629015M7F8W116E26V8R5X9 RIGHT UPPER WING

(R00W16)

SECTION 1: RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (4) = 10.100

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.864							
.888							
.900							
.905							
.950							
.952							
.966							
Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.088							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							

DATE 22 OCT 75 TABULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B26C9G15M7FBW116E26VBR5X9 RIGHT UPPER WING (R00W1.5)

SECTION (1) RIGHT UPPER WING DEPENDENT VARIABLE CP

BETA (1) = .000 ALPHA (5) = 13.220

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.864							
.898							
.900							
.903							
.950							
.952							
.966							

BETA (1) = .000 ALPHA (6) = 16.240

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020							
.050							
.052							
.080							
.150							
.195							
.222							
.240							
.250							
.358							
.400							
.431							
.492							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.76							
.775							
.810							
.831							

DATE 22 OCT 75

REGULATED PRESSURE DATA FOR NRLAD LSWT TEST 711 (0A69)

B2EC9G15W7F8W:16E26V8R5X9 RIGHT UPPER WING

SECTION 1: RIGHT UPPER WING

BETA (1) = .000 ALPHA (6) = 16.240

DEPENDENT VARIABLE CP

(R00W16)

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[illegible]

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 415

B25C9G15M7FBW116E26V8R5X9 RIGHT UPPER WING (R00M17) (03 OCT 75)

REFERENCE DATA

SPREF = 4.4120 SQ.FT. XMRP = 33.9580 INCHES
 LBREF = 19.2300 INCHES YMRP = 3000 INCHES
 BRREF = 37.9360 INCHES ZMRP = 16.2000 INCHES
 SCALE = .0405 SCALE

PARAMETRIC DATA

ELEVON = .000 RUDDER = -7.500
 BDFLAP = -14.250 BETA = 10.000

SECTION (1) RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) = 10.050 ALPHA (1) = -2.970

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000	-.3318	-.8043	-.4390	-.3478	-.5841	-.2074	-.2608
.020			.3073	.3856	.3318	.2383	.2058
.050				.1130	.1327	.0555	-.0236
.080		.2120					
.100	.0820						
.150			-.0905	-.1603	-.1828	-.2907	-.1234
.200	.0865	.0223					
.250				-.3147	-.3699	-.4052	-.4377
.300	.1260			-.2165	-.3012		-.3133
.350			-.1679				
.400	-.1491			-.1125	-.2030		
.450			-.0416				
.500						-.1213	-.2878
.550	.0311						
.600				-.0385			
.650							
.700						.0324	-.0609
.750			.0102				
.800			-.0522	-.0696	-.0451		
.850							
.900	-.0376			-.0351	-.0200	-.0158	
.950							
.000	-.0850						.0886
.0127				-.0283			
.025			-.0455				
.050				.0627	.0115	.2816	
.075			-.0990				
.100	-.0406						

DATE 22 OCT 79

TABULATED PRESSURE DATA FOR NPLAD USWT TEST 711 (0A69)
B26C9G15M7F8W116E26V8R5X9 RIGHT UPPER WING

PAGE 418

(R00W17)

SECTION (1) - RIGHT UPPER WING

DEPENDENT VARIABLE CP

BETA (1) - 10.050 ALPHA (2) - .030

Y/BW
X/CW

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	-.0725	-.4756	-.0825	.0237	.0220	.3164	.1395
.050			.1499	.1794	.1625	.1279	.1082
.052				-.1612	-.1642	-.2470	-.3200
.080		.1417	-.1745				
.098	.0607			-.3356	-.3664	-.5231	-.3432
.150			-.2174				
.195	.0127						
.222		-.1051					
.240				-.4517	-.5221	-.5899	-.6405
.250	.0586			-.2803	-.3921		-.4110
.358			-.2209				
.400				-.1410	-.2157		
.431	-.2185		.0620			-.1473	-.3278
.482							
.550		.0203		-.0435	-.1097	.0143	-.0810
.574			.0065	-.0630	-.0481		
.600			-.0381				
.650			.0021	-.0330	-.0235	-.0256	
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831	-.0266			-.0213			.0728
.850				.0573	.0094	.2530	
.854			.0021				
.864							
.884	-.1002						
.908	-.0057						
.900							
.925			-.0242				
.950							
.952			-.0931				
.966	-.0096						

BETA (1) - 10.050 ALPHA (3) - 5.020

Y/BW
X/CW

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.000							
.020	.0542	-.4200	-.0688	.2037	.3242	.5027	.0471
.050			-.2937	-.6001	-.7014	-.7005	-.6756
.050				-.8507	-.8502	-.9594	-1.0107
.052			-.5504				
.080		-.1064					
.088	-.0184						
.150				-.5568	-.7503	-.9940	-.7705
.195			-.4565				
.222	-.1265						

DATE 22 OCT 75

TABULATED PRESSURE DATA FOR NRLAD LSMT TEST 711 (0A69)

PAGE 417

SECTION 1 (RIGHT UPPER WING)

RECORDS IDENTIFIER: 16E26V8R5X9 RIGHT UPPER WING

(RQW17)

BETA (1) = 10.050 ALPHA (3) = 5.020

DEPENDENT VARIABLE CP

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240							
.250							
.358							
.400							
.431							
.422							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.854							
.900							
.905							
.900							
.952							
.955							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.000							
.000							
.050							
.052							
.080							
.098							
.150							
.150							
.240							
.250							
.259							
.400							
.431							
.492							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.000							
.000							
.050							
.052							
.080							
.098							
.150							
.150							
.240							
.250							
.259							
.400							
.431							
.492							

BETA (1) = 10.050 ALPHA (4) = 10.120

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.240							
.250							
.358							
.400							
.431							
.422							
.550							
.574							
.600							
.650							
.695							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.854							
.900							
.905							
.900							
.952							
.955							
.299							
.352							
.405							
.534							
.673							
.780							
.887							
.000							
.000							
.050							
.052							
.080							
.098							
.150							
.150							
.240							
.250							
.259							
.400							
.431							
.492							

DATE 22 OCT 75

02609015M7F9H16E26V8R5+3 RIGHT UPPER WING
TABULATED PRESSURE DATA FOR NRLAO LSMT TEST 711 (0A69)

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02609615M7F8W116E26V8R5X3 RIGHT UPPER WING

(ROW: 7)

SECTION 1, RIGHT UPPER WING

DEPENDENT VARIABLE CP

$$\text{BETA} (1) = 10.050 \quad \text{ALPHA} (4) = 10.120$$

Y/BW X/CW	.299	.352	.405	.534	.673	.780	.887
.550							
.574							
.600							
.650							
.675							
.700	.0437						
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.864							
.899	.0529						
.900							
.925							
.950							
.952							
.956							
.0578							
.0558							
.0222							
.0279							
.1026							
.0676							
.0676							
.0876							
.1042							
.1214							
.2138							
.2138							
.2628							
.2837							
.5330							
.1781							
.1304							
.0619							
.0633							
.0934							
.0860							
.0275							
.64							
.780							
.887							
.16141							
.39123							
.23382							
.11108							
.5159							
.2477							
.7851							
.8112							
.4008							
.9413							
.550							
.574							
.600							
.650							
.675							
.700							
.725							
.750							
.763							
.775							
.810							
.831							
.850							
.854							
.864							
.899							
.900							
.925							
.950							
.952							
.956							
.0398							
.2501							
.2894							
.3632							
.3632							
.1781							
.1304							
.0619							
.0633							
.0934							
.0860							
.0275							
.64							
.780							
.887							
.16141							
.39123							

(RDOW17)

SECTION (1) RIGHT UPPER WING

BETA (1) = 10.050 ALPHA (6) = 16.220

DEPENDENT VARIABLE CP

MB/Y
X/CW

562.

.352

504.

534

673

30

2